

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012805.D
 Acq On : 04 Oct 2019 12:42
 Operator : JC/SP
 Sample : VX1004WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Quant Time: Oct 05 04:20:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115299	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119364	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	91605	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.71	98	340829	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	131188	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	31569	16.649	ug/l 97
3) Chloromethane	1.32	50	35492	16.301	ug/l 96
4) Vinyl Chloride	1.40	62	37221	17.199	ug/l 93
5) Bromomethane	1.63	94	17731	20.838	ug/l 95
6) Chloroethane	1.72	64	24553	16.829	ug/l 92
7) Trichlorofluoromethane	1.92	101	54010	17.775	ug/l 96
8) Diethyl Ether	2.18	74	22610	18.158	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35480	19.171	ug/l 96
10) Methyl Iodide	2.50	142	27185	17.515	ug/l 94
11) Tert butyl alcohol	3.03	59	56481	92.120	ug/l 97
12) 1,1-Dichloroethene	2.36	96	33380	18.420	ug/l 94
13) Acrolein	2.28	56	20254	67.106	ug/l 94
14) Allyl chloride	2.72	41	63132	17.559	ug/l 97
15) Acrylonitrile	3.13	53	116127	93.357	ug/l 98
16) Acetone	2.43	43	114163	87.814	ug/l 97
17) Carbon Disulfide	2.56	76	79879	15.723	ug/l 99
18) Methyl Acetate	2.76	43	58387	19.073	ug/l 96
19) Methyl tert-butyl Ether	3.19	73	130549	19.032	ug/l 98
20) Methylene Chloride	2.84	84	41857	19.036	ug/l 93
21) trans-1,2-Dichloroethene	3.16	96	37201	18.529	ug/l 97
22) Diisopropyl ether	3.84	45	129739	18.675	ug/l 98
23) Vinyl Acetate	3.80	43	551565	90.532	ug/l 98
24) 1,1-Dichloroethane	3.69	63	71451	18.921	ug/l 97
25) 2-Butanone	4.66	43	166532	89.338	ug/l 98
26) 2,2-Dichloropropane	4.57	77	59284	17.651	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	45122	19.370	ug/l 92
28) Bromochloromethane	5.00	49	26005	18.965	ug/l 94
29) Tetrahydrofuran	5.11	42	102230	89.978	ug/l 95
30) Chloroform	5.20	83	73496	19.023	ug/l 96
31) Cyclohexane	5.56	56	61087	17.881	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	63495	18.543	ug/l 99
36) 1,1-Dichloropropene	5.79	75	53580	19.112	ug/l 98
37) Ethyl Acetate	4.82	43	58830	17.950	ug/l 95
38) Carbon Tetrachloride	5.78	117	52652	18.489	ug/l 95

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62769	18.598	ug/l	96
40) Benzene	6.14	78	159635	19.353	ug/l	97
41) Methacrylonitrile	5.03	41	34943	19.002	ug/l	94
42) 1,2-Dichloroethane	6.18	62	59275	18.924	ug/l	97
43) Isopropyl Acetate	6.44	43	99305	18.118	ug/l	97
44) Trichloroethene	7.20	130	41595	19.725	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42075	19.924	ug/l	94
46) Dibromomethane	7.65	93	27530	19.147	ug/l	99
47) Bromodichloromethane	7.89	83	53432	18.593	ug/l	98
48) Methyl methacrylate	7.76	41	47448	18.054	ug/l	93
49) 1,4-Dioxane	7.73	88	21285	357.067	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	311594	92.096	ug/l	96
52) Toluene	8.78	92	100646	19.414	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	57325	18.030	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	64470	18.571	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	41802	20.281	ug/l	100
56) Ethyl methacrylate	9.17	69	64423	18.605	ug/l	93
57) 1,3-Dichloropropane	9.37	76	72007	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172181	110.777	ug/l	99
59) 2-Hexanone	9.48	43	235621	90.982	ug/l	95
60) Dibromochloromethane	9.57	129	40781	19.546	ug/l	98
61) 1,2-Dibromoethane	9.67	107	43236	20.156	ug/l	100
64) Tetrachloroethene	9.33	164	38897	22.117	ug/l	97
65) Chlorobenzene	10.14	112	106055	19.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	38859	20.191	ug/l	98
67) Ethyl Benzene	10.25	91	191436	19.870	ug/l	98
68) m/p-Xylenes	10.36	106	143168	39.670	ug/l	100
69) o-Xylene	10.70	106	68095	19.500	ug/l	96
70) Styrene	10.71	104	119709	20.448	ug/l	98
71) Bromoform	10.85	173	25890	19.319	ug/l #	100
73) Isopropylbenzene	11.01	105	188090	20.029	ug/l	100
74) N-amyl acetate	10.89	43	78304	17.478	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	62745	20.175	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70061	22.971	ug/l	87
77) Bromobenzene	11.25	156	42936	20.202	ug/l	98
78) n-propylbenzene	11.35	91	209509	19.817	ug/l	99
79) 2-Chlorotoluene	11.42	91	127830	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	158263	20.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18004	16.917	ug/l	97
82) 4-Chlorotoluene	11.51	91	144638	19.238	ug/l	99
83) tert-Butylbenzene	11.76	119	150536	19.817	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	159983	20.139	ug/l	97
85) sec-Butylbenzene	11.94	105	177258	20.062	ug/l	98
86) p-Isopropyltoluene	12.06	119	163060	20.453	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77771	20.333	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	78527	20.318	ug/l	97
89) n-Butylbenzene	12.39	91	133855	19.054	ug/l	97
90) Hexachloroethane	12.59	117	26962	18.970	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	79559	20.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13838	17.787	ug/l	98

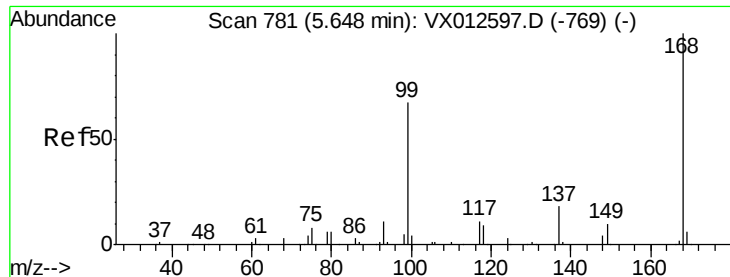
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43391	18.581	ug/l	94
94) Hexachlorobutadiene	13.78	225	21038	20.941	ug/l	100
95) Naphthalene	13.83	128	160735	19.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	45670	19.523	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

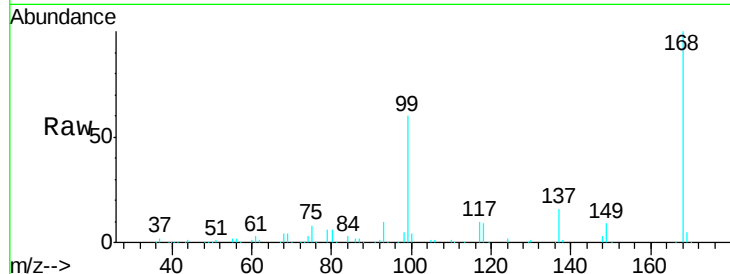
VX1004WBS01

Tgt Ion:168 Resp: 168549

Ion Ratio Lower Upper

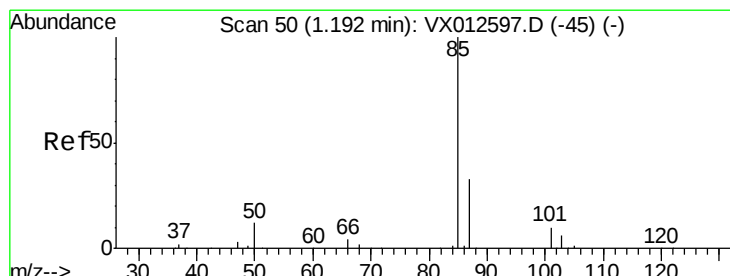
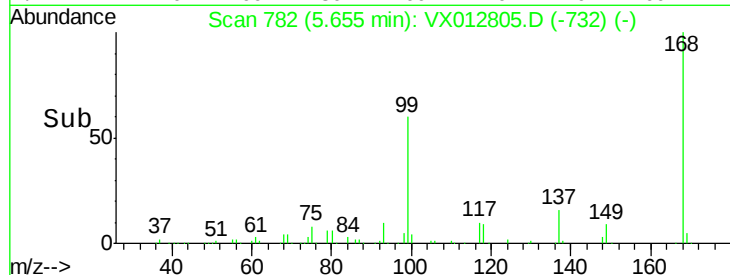
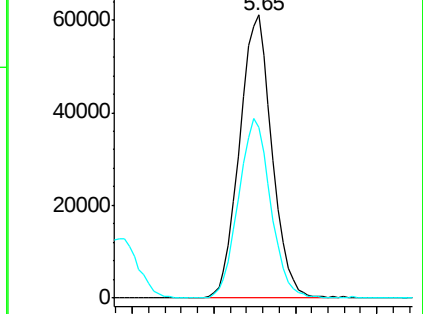
168 100

99 60.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.649 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012805.D

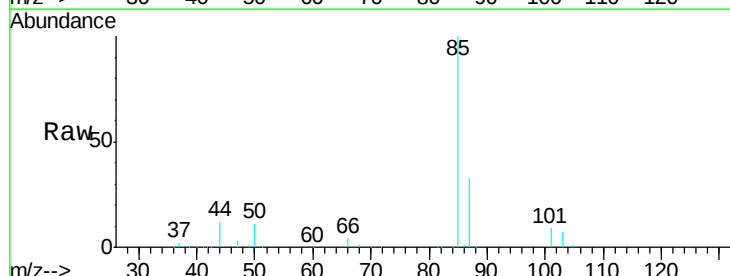
Acq: 04 Oct 2019 12:42

Tgt Ion: 85 Resp: 31569

Ion Ratio Lower Upper

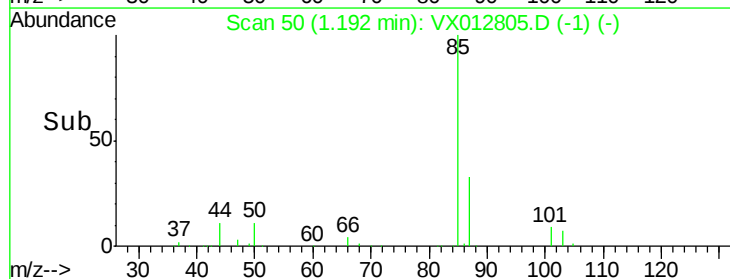
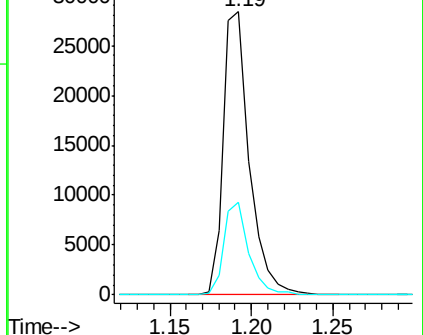
85 100

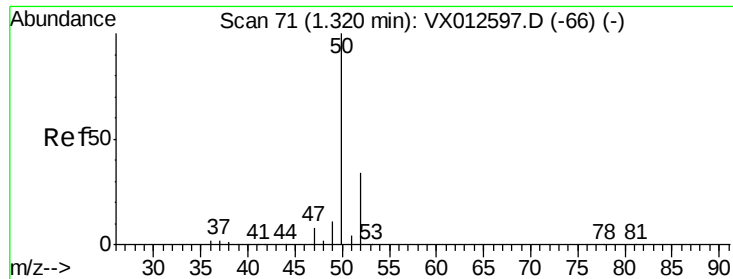
87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.301 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

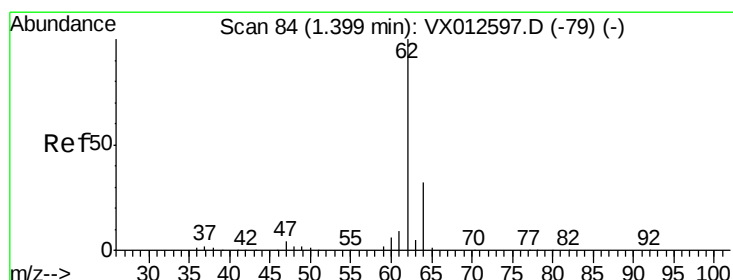
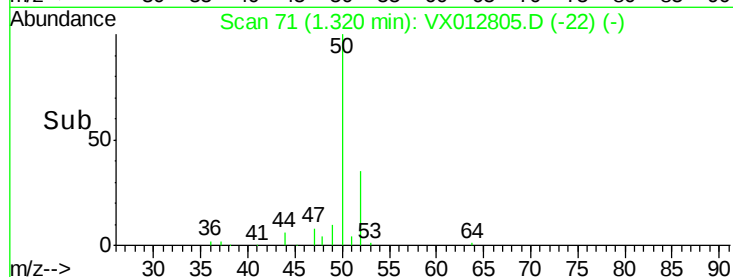
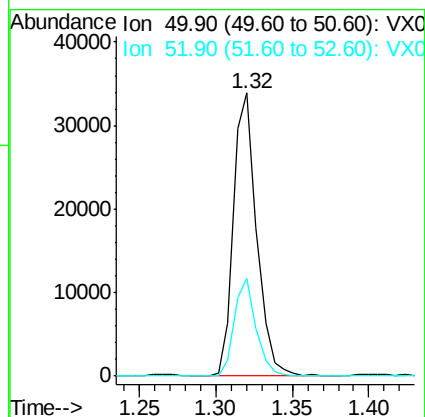
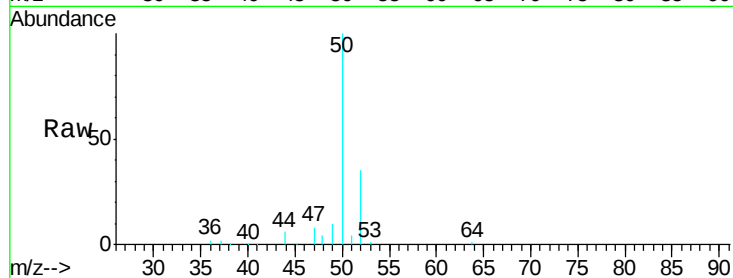
VX1004WBS01

Tgt Ion: 50 Resp: 35492

Ion Ratio Lower Upper

50 100

52 34.6 25.7 38.5



#4

Vinyl Chloride

Concen: 17.199 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012805.D

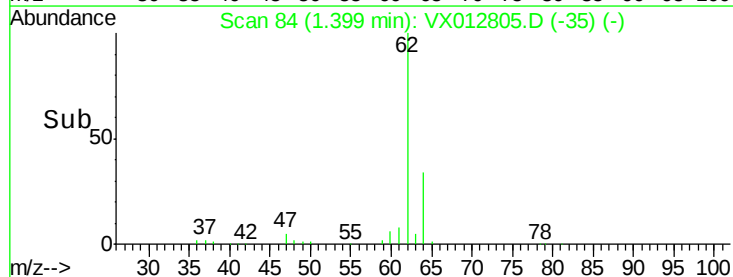
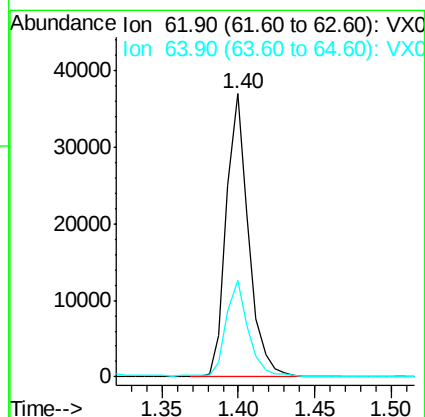
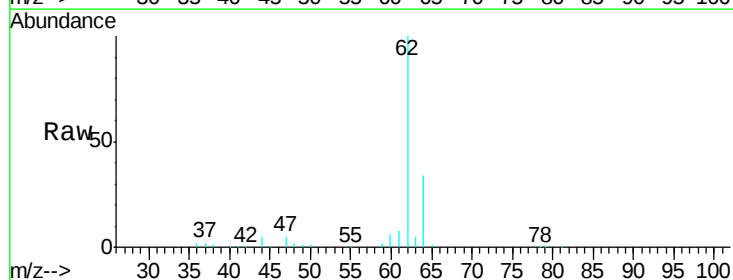
Acq: 04 Oct 2019 12:42

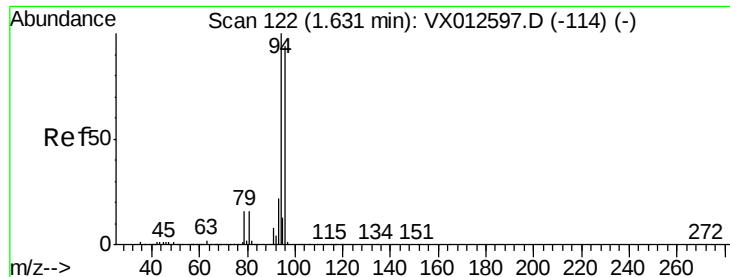
Tgt Ion: 62 Resp: 37221

Ion Ratio Lower Upper

62 100

64 33.8 24.2 36.2





#5

Bromomethane

Concen: 20.838 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

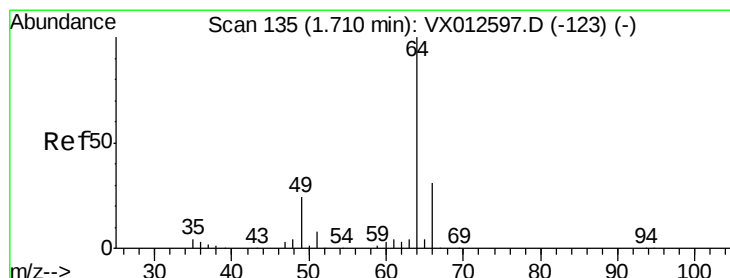
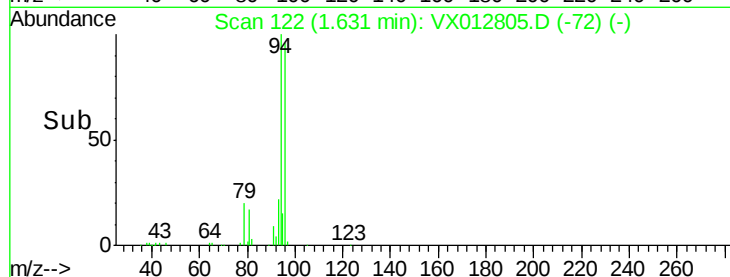
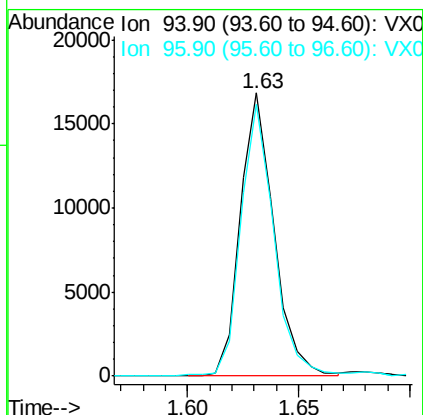
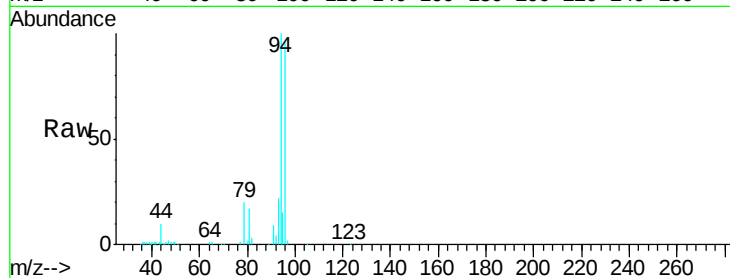
VX1004WBS01

Tgt Ion: 94 Resp: 17731

Ion Ratio Lower Upper

94 100

96 95.8 72.8 109.2



#6

Chloroethane

Concen: 16.829 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012805.D

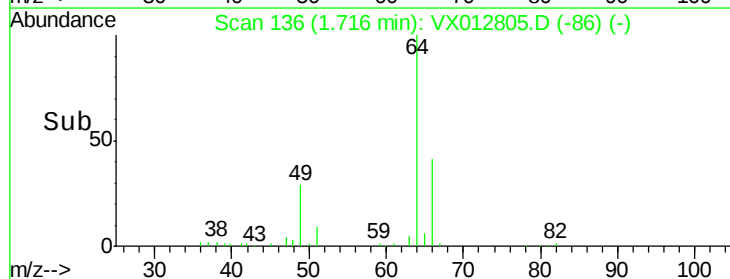
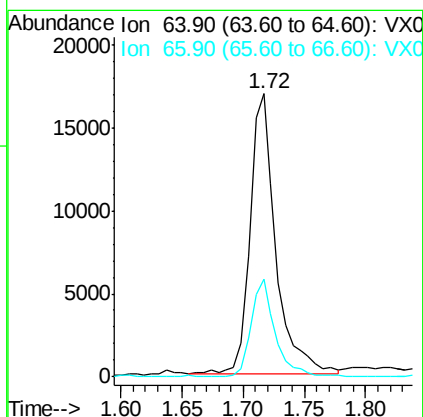
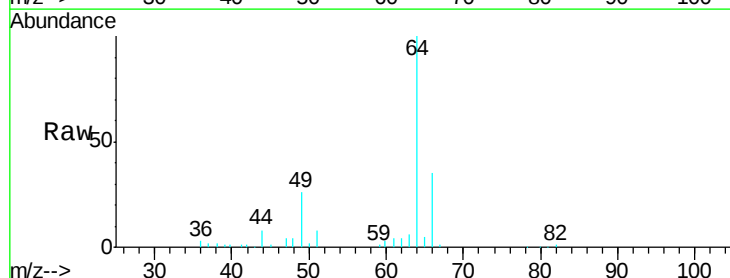
Acq: 04 Oct 2019 12:42

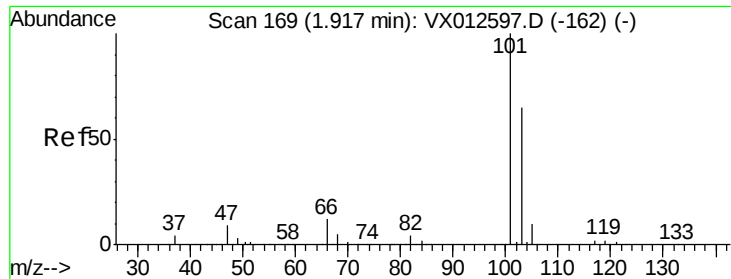
Tgt Ion: 64 Resp: 24553

Ion Ratio Lower Upper

64 100

66 34.5 24.0 36.0



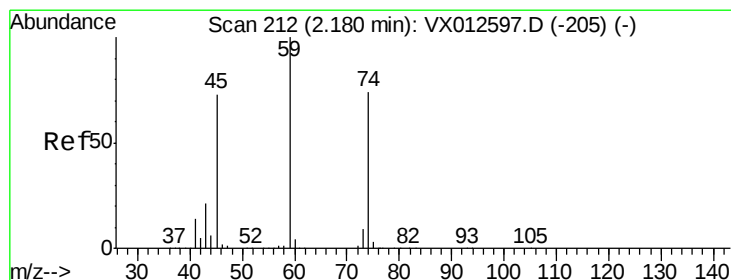
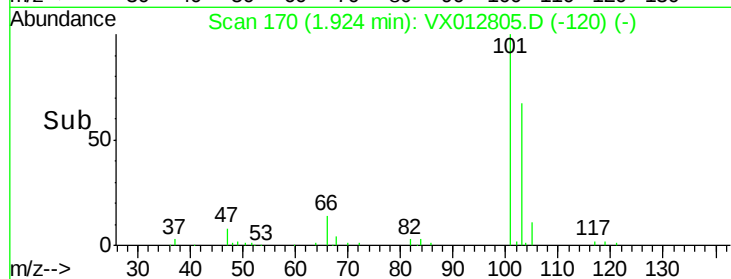
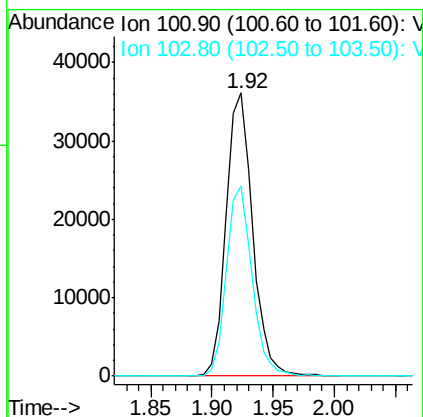
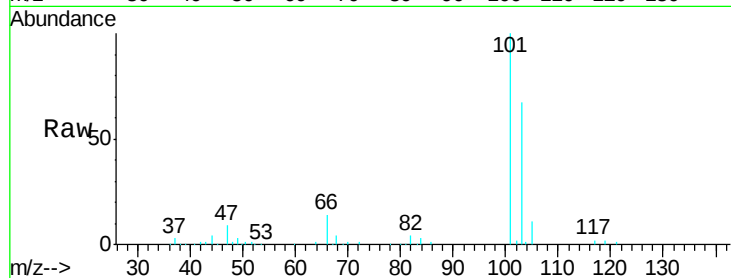


#7

Trichlorofluoromethane
Concen: 17.775 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
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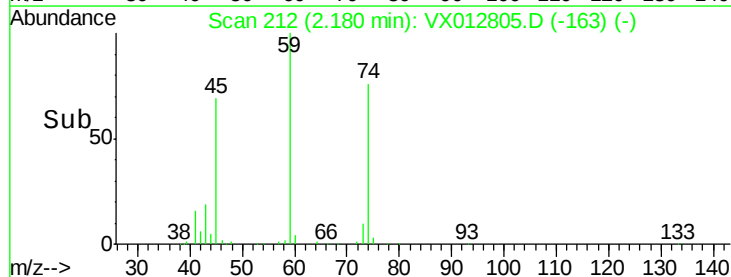
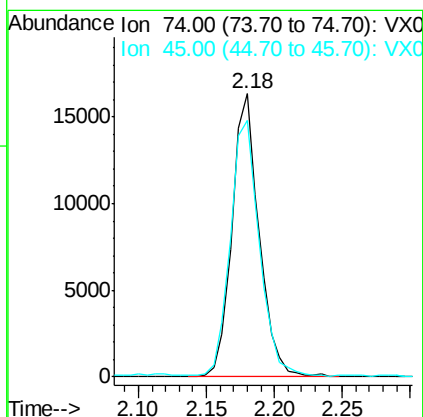
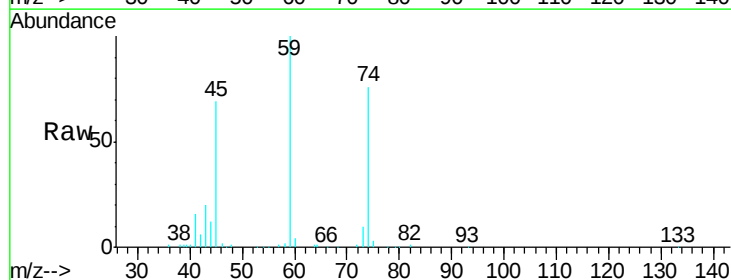
Tgt Ion:101 Resp: 54010
Ion Ratio Lower Upper
101 100
103 67.2 51.0 76.4

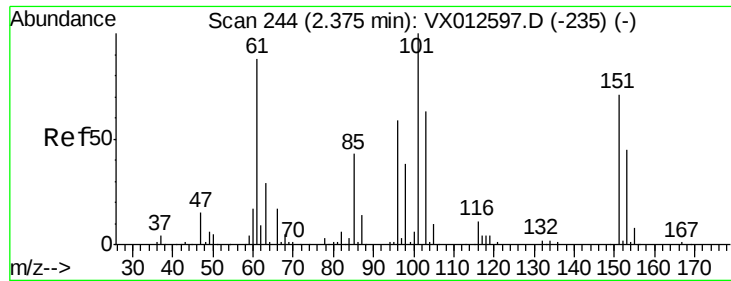


#8

Diethyl Ether
Concen: 18.158 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 74 Resp: 22610
Ion Ratio Lower Upper
74 100
45 97.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.171 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

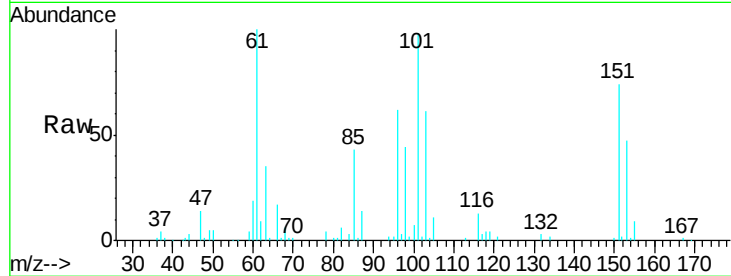
Tgt Ion:101 Resp: 35480

Ion Ratio Lower Upper

101 100

85 42.5 37.3 55.9

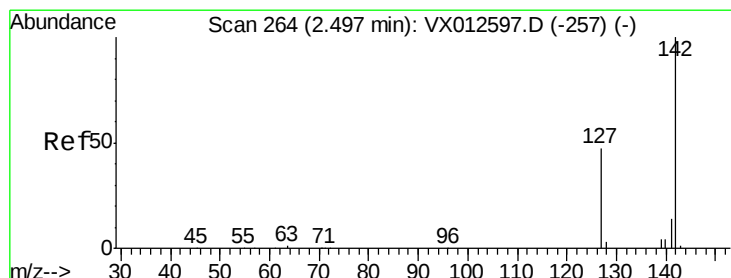
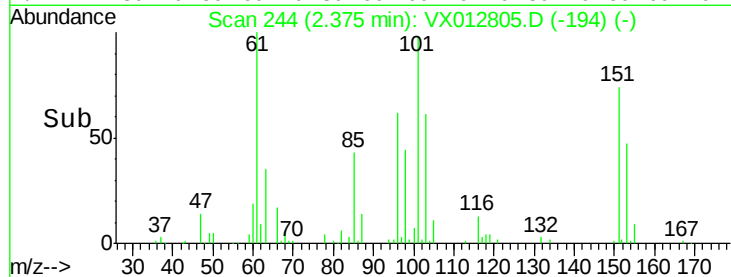
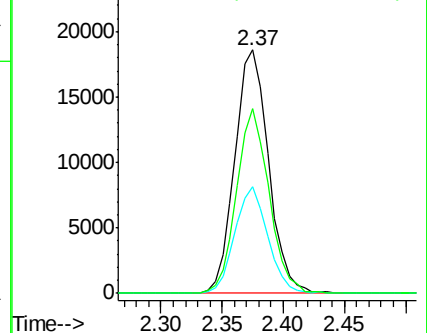
151 73.3 61.0 91.4



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: 17.515 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

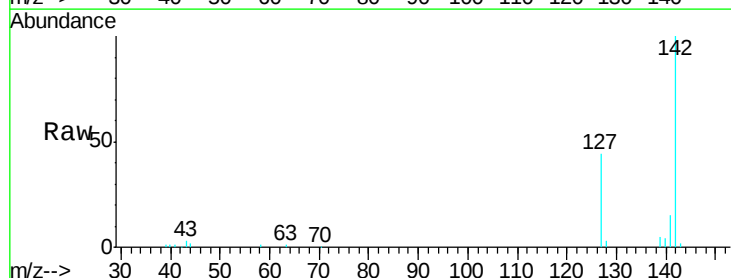
Tgt Ion:142 Resp: 27185

Ion Ratio Lower Upper

142 100

127 46.0 40.8 61.2

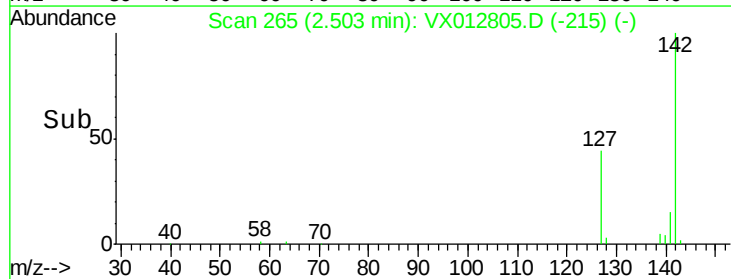
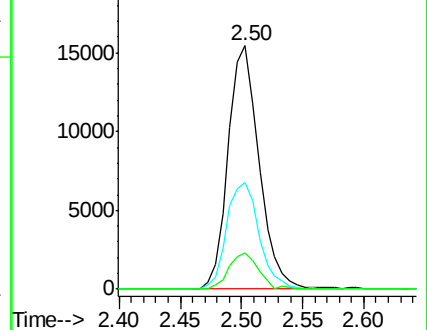
141 13.9 12.1 18.1

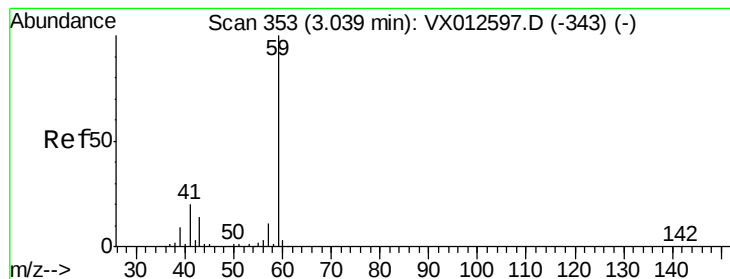


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



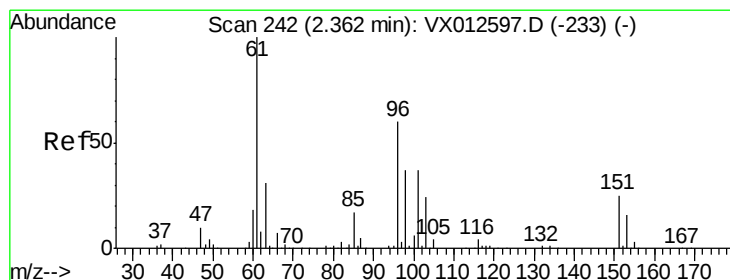
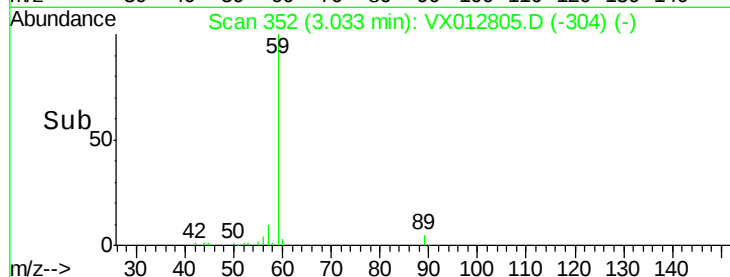
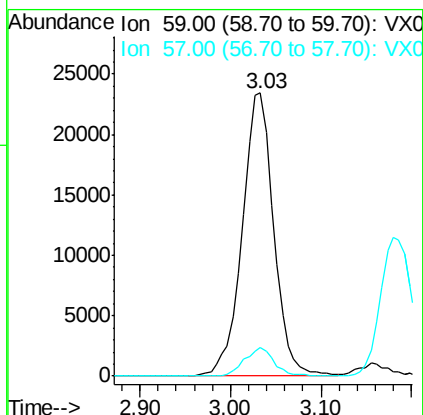
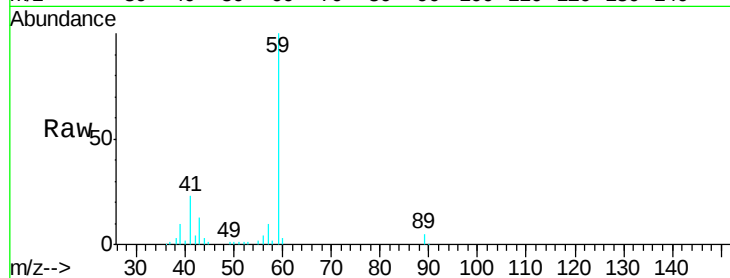


#11

Tert butyl alcohol
 Concen: 92.120 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS01

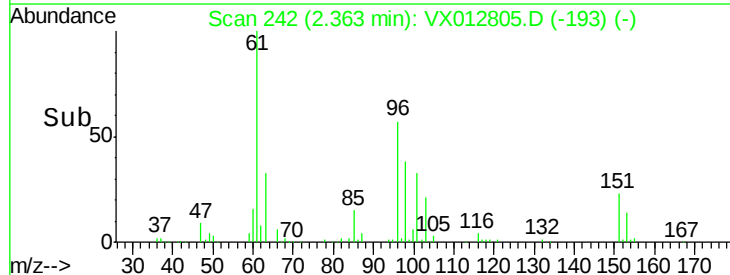
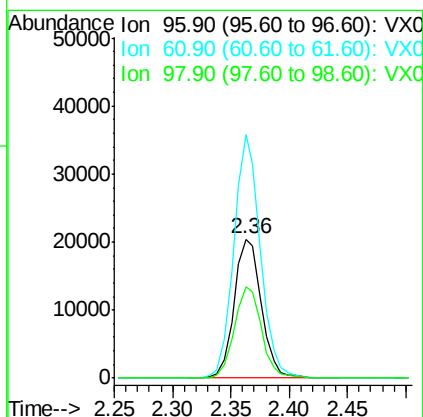
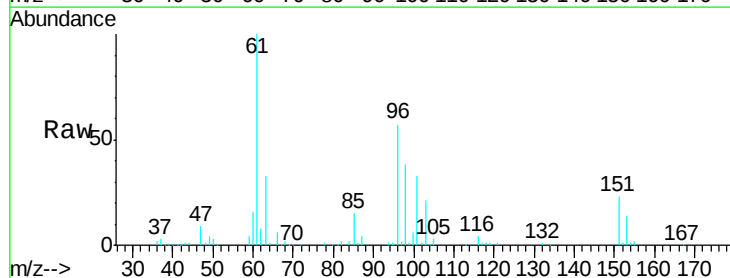
Tgt Ion: 59 Resp: 56481
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.3 12.5

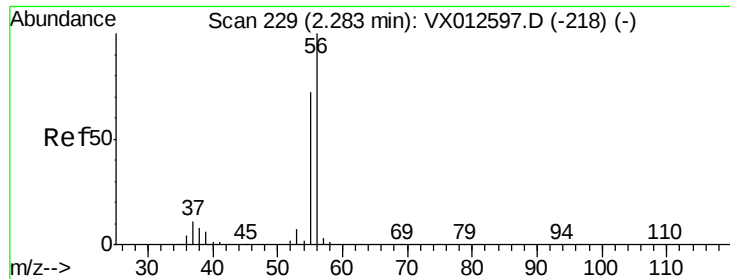


#12

1,1-Dichloroethene
 Concen: 18.420 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 96 Resp: 33380
 Ion Ratio Lower Upper
 96 100
 61 175.6 133.8 200.6
 98 65.9 49.9 74.9





#13

Acrolein

Concen: 67.106 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

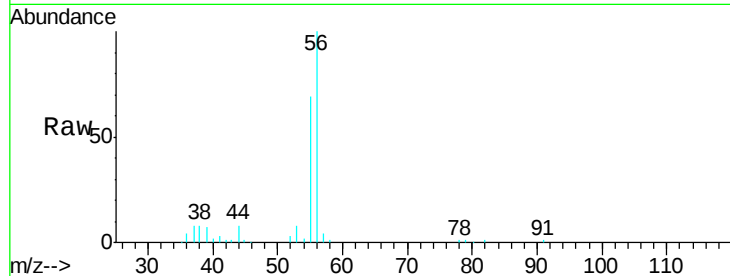
VX1004WBS01

Tgt Ion: 56 Resp: 20254

Ion Ratio Lower Upper

56 100

55 74.7 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

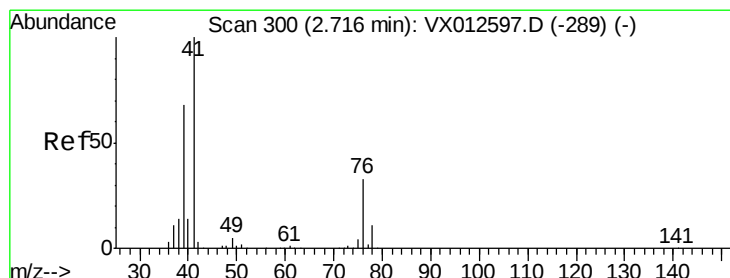
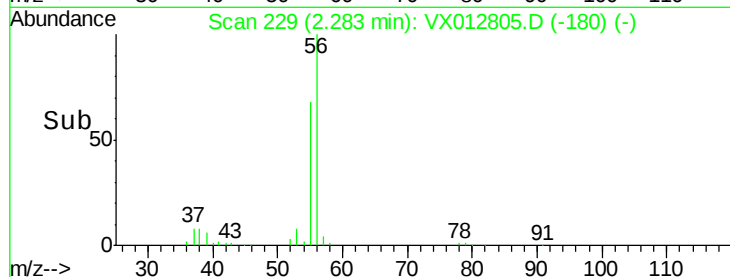
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 17.559 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

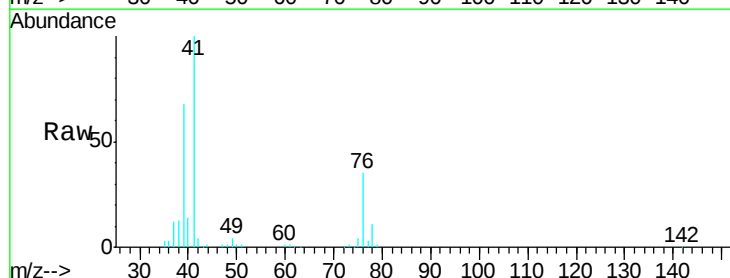
Tgt Ion: 41 Resp: 63132

Ion Ratio Lower Upper

41 100

39 64.0 51.3 76.9

76 32.4 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

40000

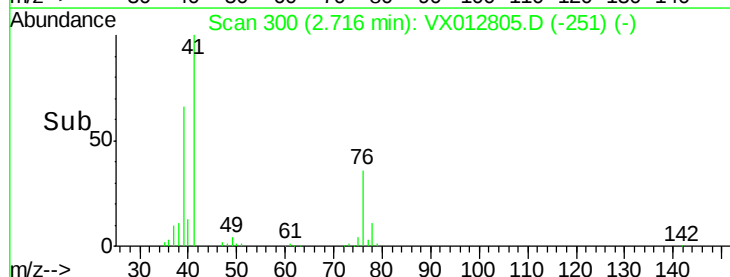
30000

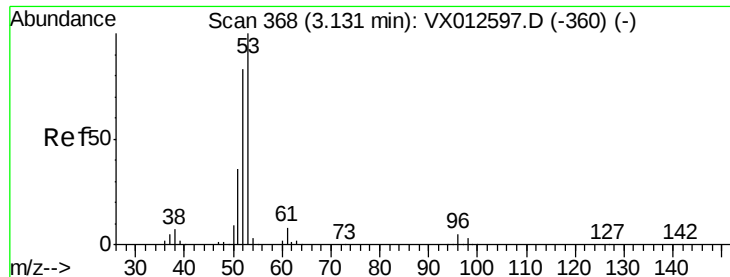
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 93.357 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

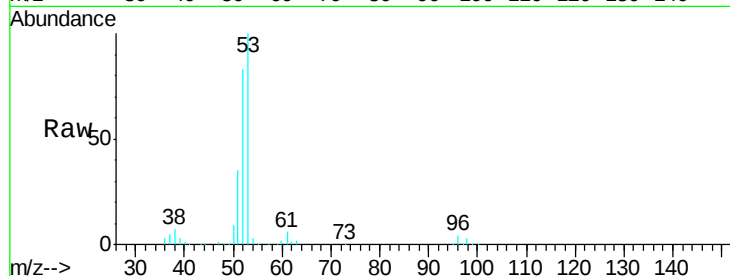
Tgt Ion: 53 Resp: 116127

Ion Ratio Lower Upper

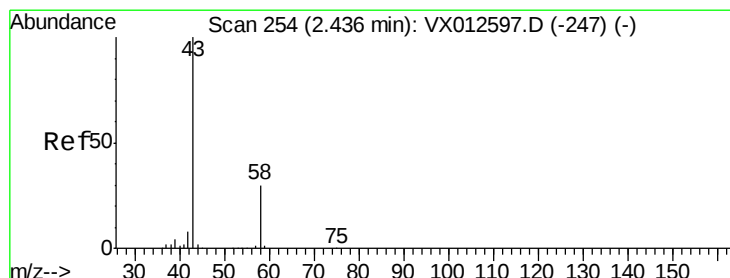
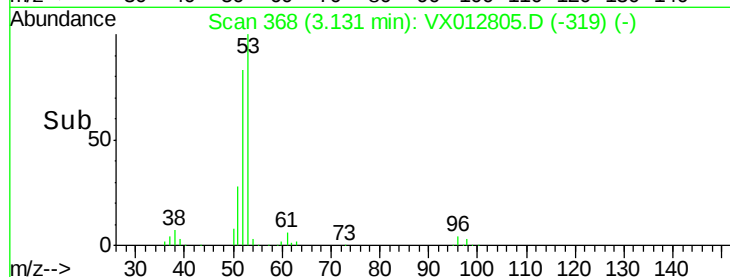
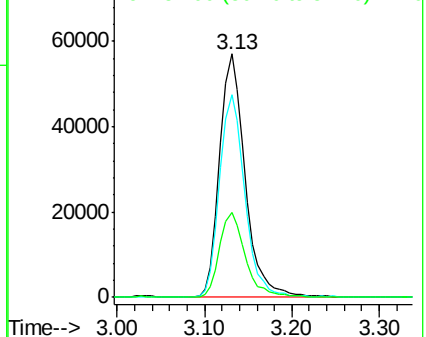
53 100

52 82.0 67.0 100.4

51 35.5 29.6 44.4



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: 87.814 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012805.D

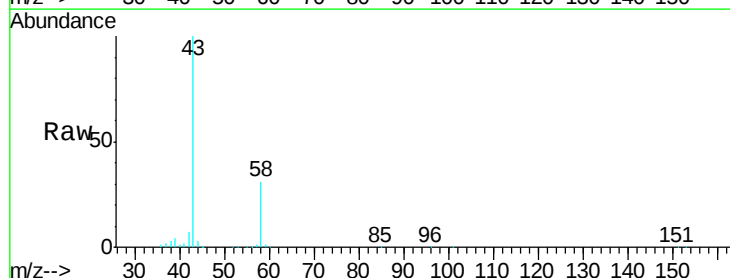
Acq: 04 Oct 2019 12:42

Tgt Ion: 43 Resp: 114163

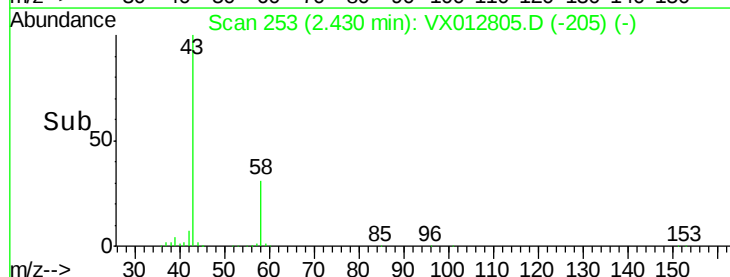
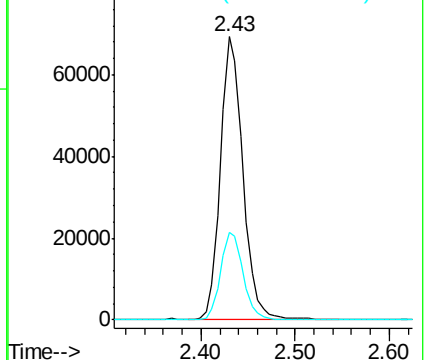
Ion Ratio Lower Upper

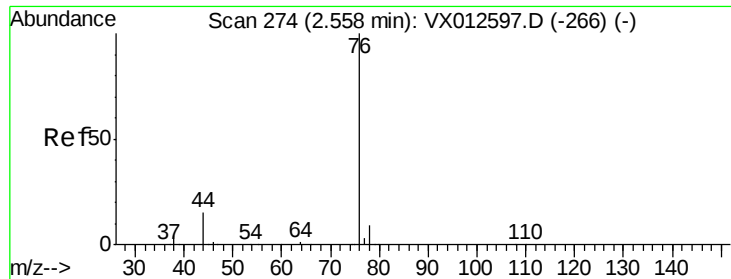
43 100

58 30.8 23.3 34.9



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

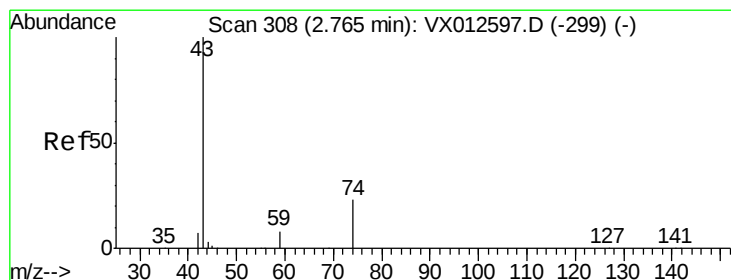
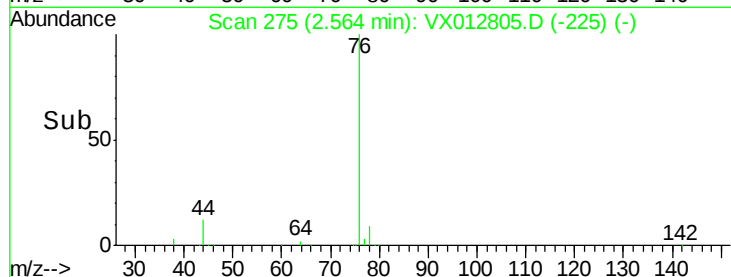
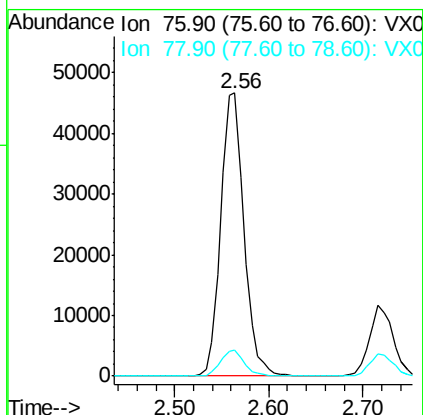
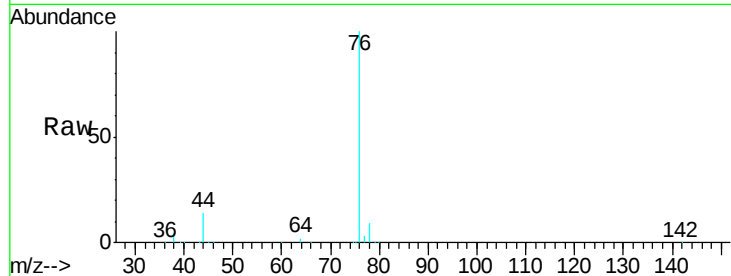




#17
Carbon Disulfide
Concen: 15.723 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

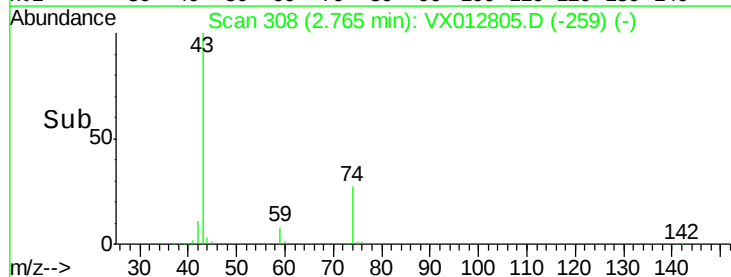
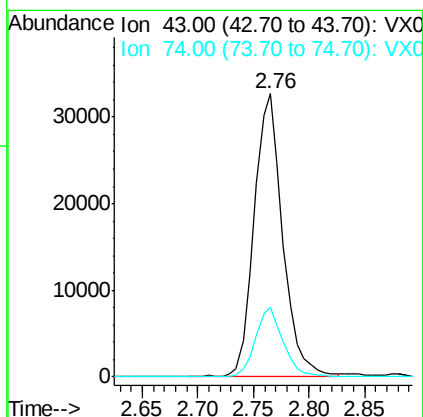
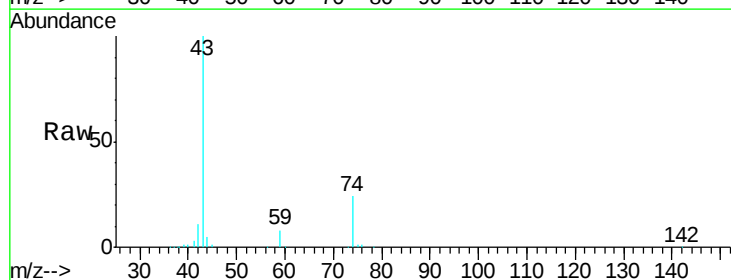
Instrument :
MSVOA_X
ClientSampled :
VX1004WBS01

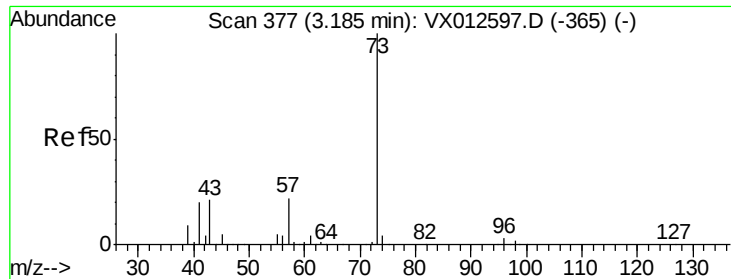
Tgt Ion: 76 Resp: 79879
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 19.073 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 43 Resp: 58387
Ion Ratio Lower Upper
43 100
74 24.1 17.7 26.5

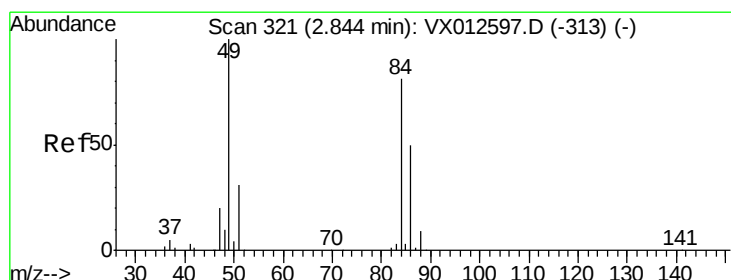
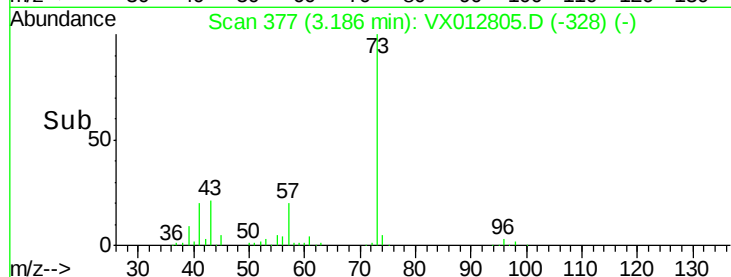
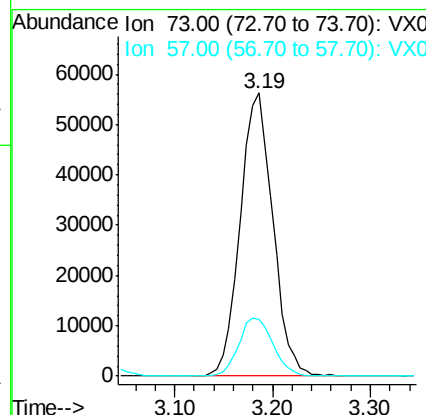
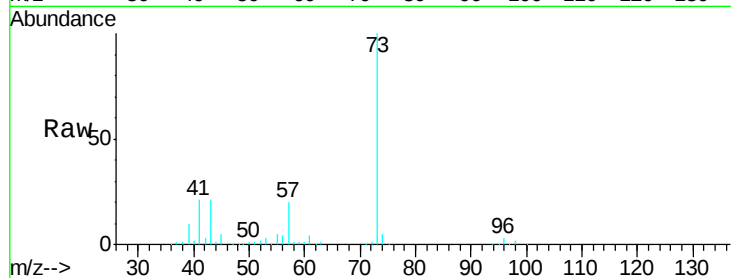




#19
Methyl tert-butyl Ether
Concen: 19.032 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

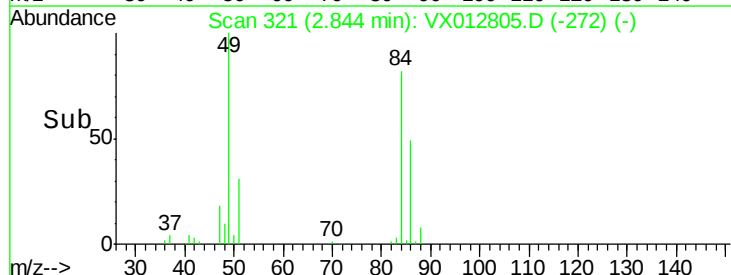
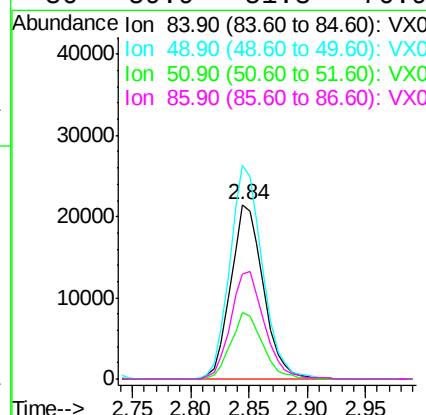
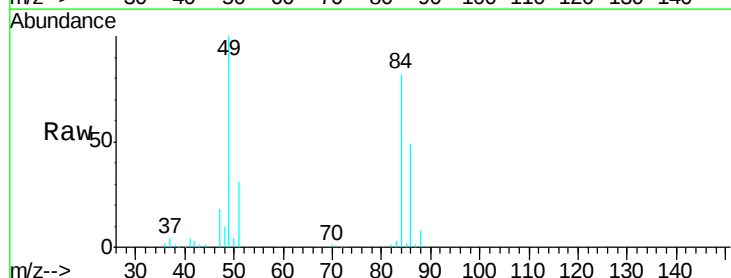
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

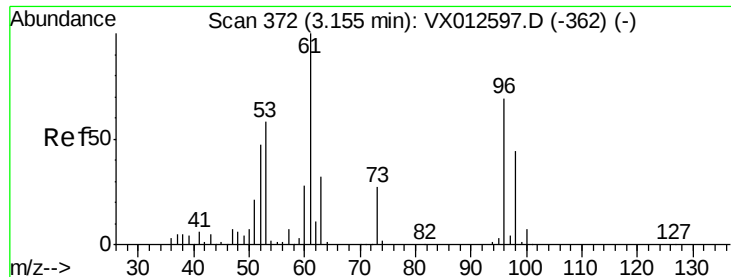
Tgt Ion: 73 Resp: 130549
Ion Ratio Lower Upper
73 100
57 20.1 16.8 25.2



#20
Methylene Chloride
Concen: 19.036 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 84 Resp: 41857
Ion Ratio Lower Upper
84 100
49 122.4 106.8 160.2
51 38.2 32.3 48.5
86 59.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.529 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

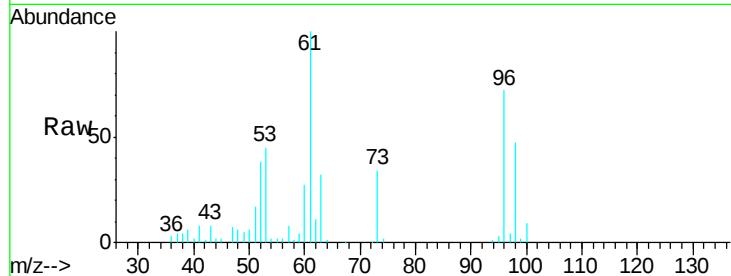
Tgt Ion: 96 Resp: 37201

Ion Ratio Lower Upper

96 100

61 139.0 112.0 168.0

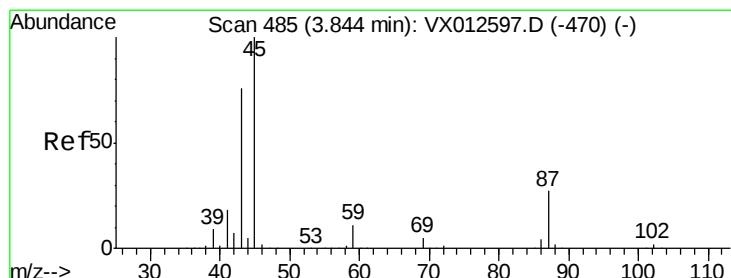
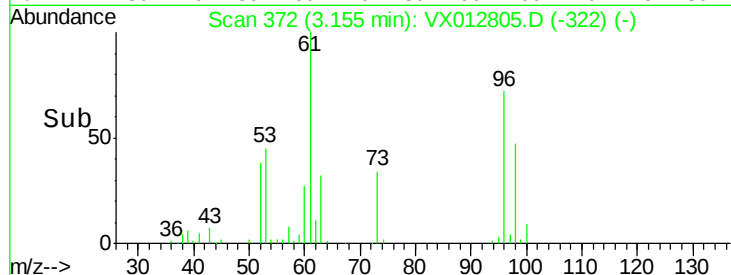
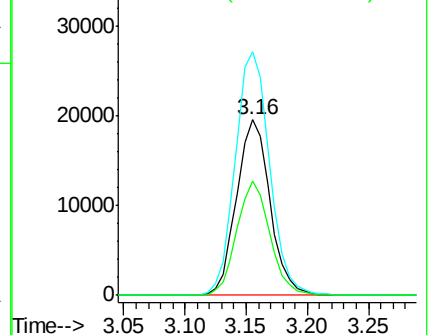
98 65.3 47.8 71.8



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: 18.675 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion: 45 Resp: 129739

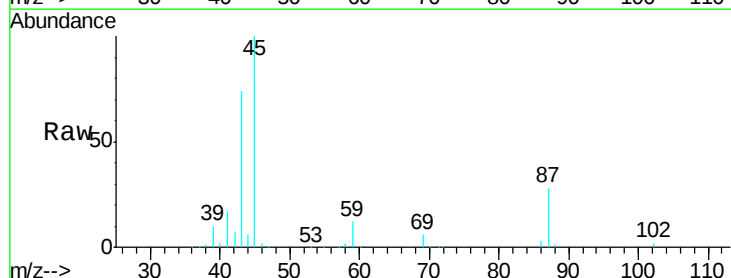
Ion Ratio Lower Upper

45 100

43 73.0 57.8 86.8

87 28.0 21.3 31.9

59 12.3 8.5 12.7

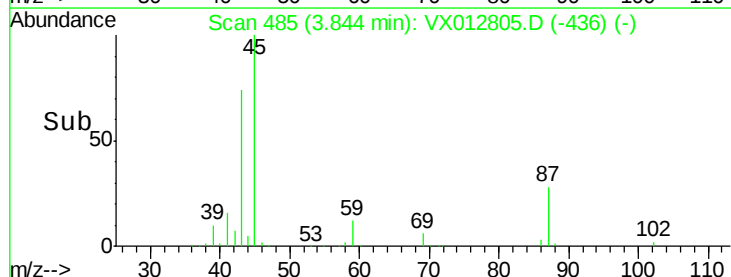
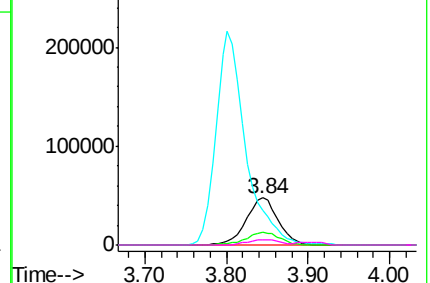


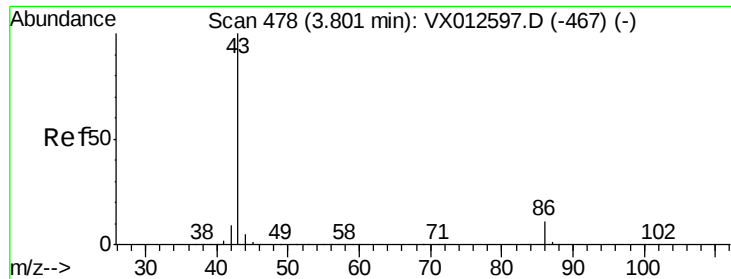
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 90.532 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

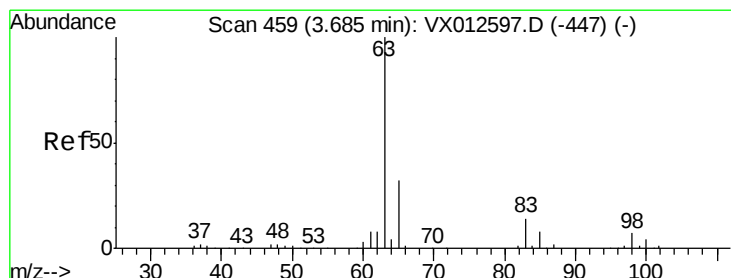
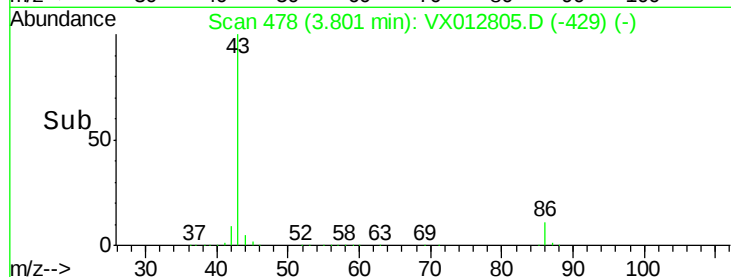
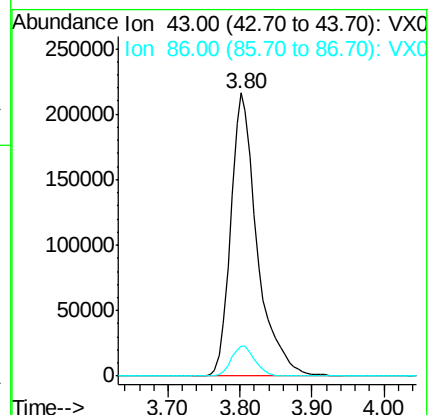
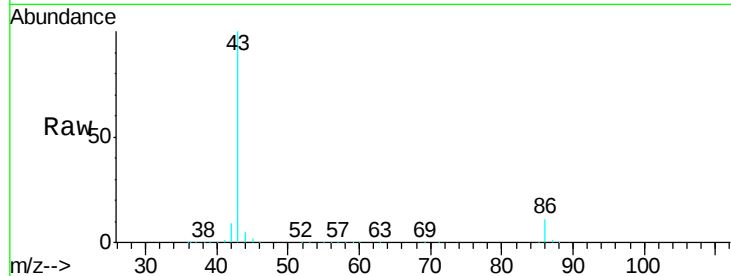
VX1004WBS01

Tgt Ion: 43 Resp: 551565

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 18.921 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

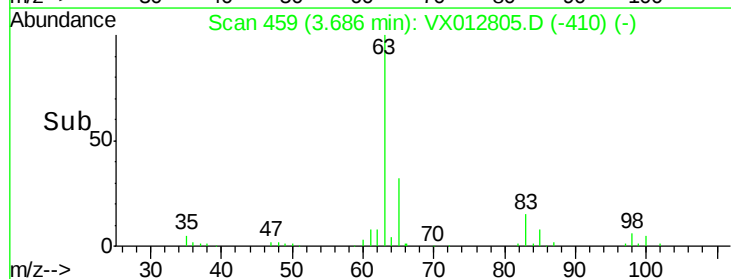
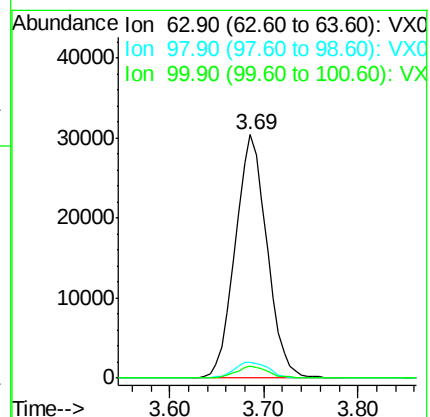
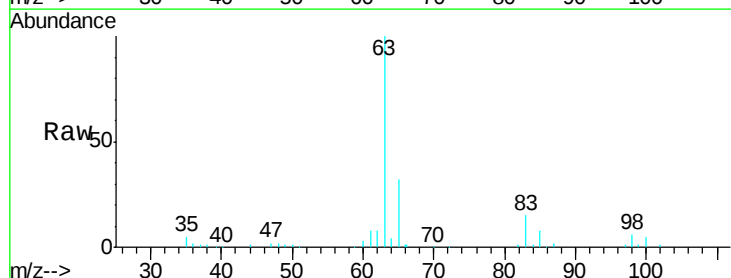
Tgt Ion: 63 Resp: 71451

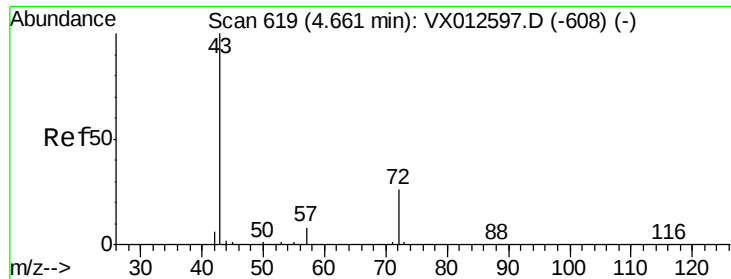
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.7

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 89.338 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

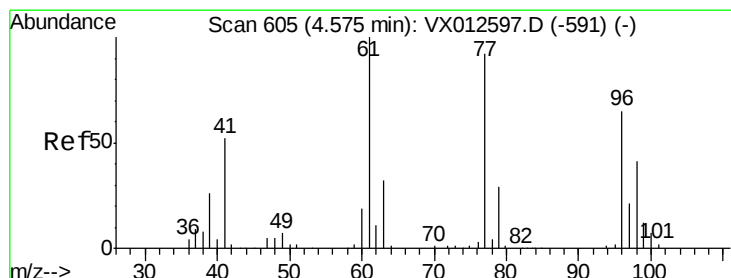
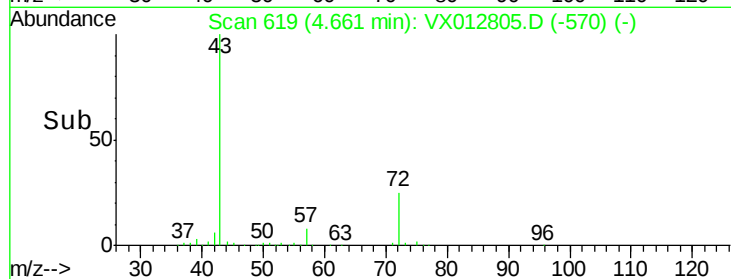
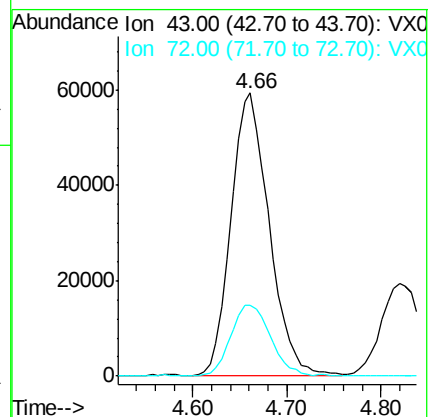
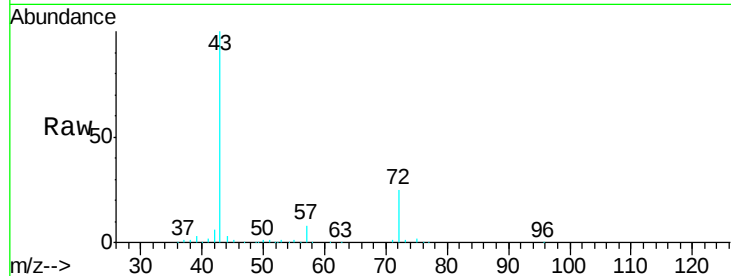
VX1004WBS01

Tgt Ion: 43 Resp: 166532

Ion Ratio Lower Upper

43 100

72 25.1 19.2 28.8



#26

2,2-Dichloropropane

Concen: 17.651 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012805.D

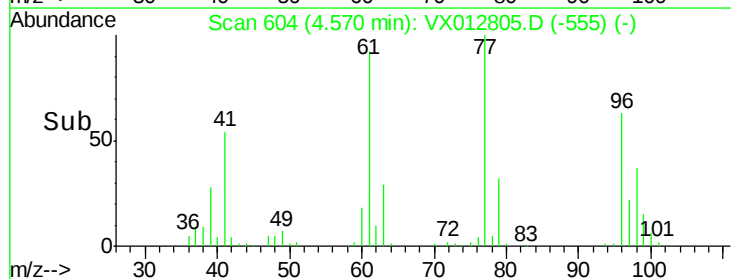
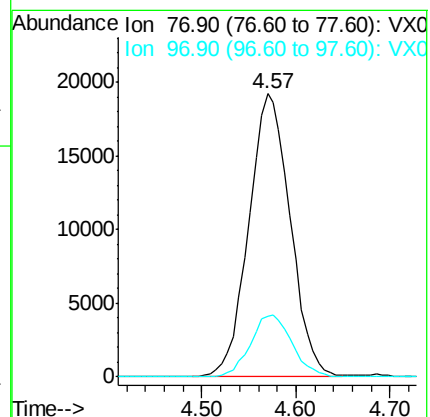
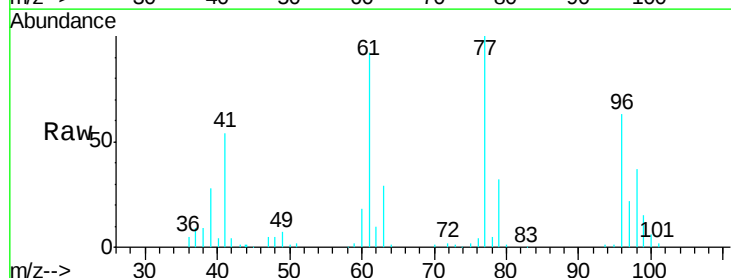
Acq: 04 Oct 2019 12:42

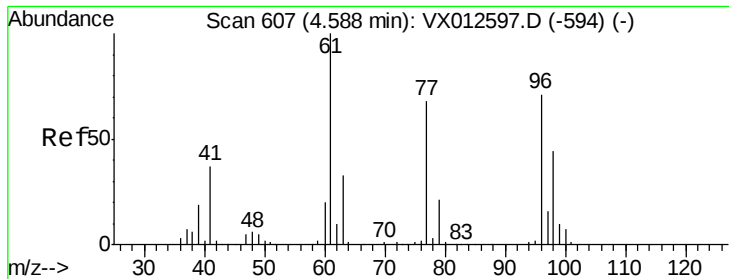
Tgt Ion: 77 Resp: 59284

Ion Ratio Lower Upper

77 100

97 21.8 10.5 31.6



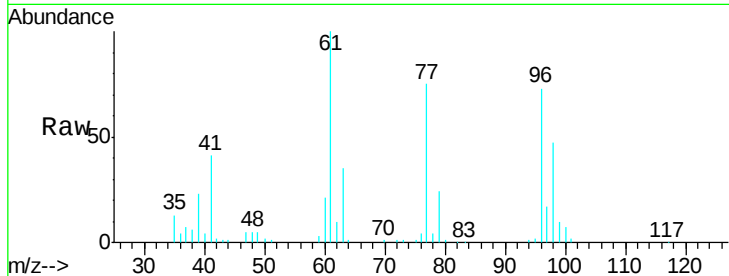


#27

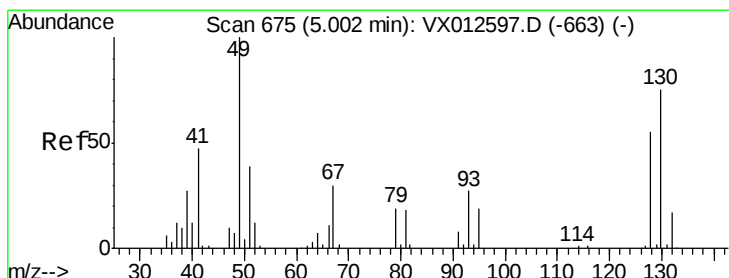
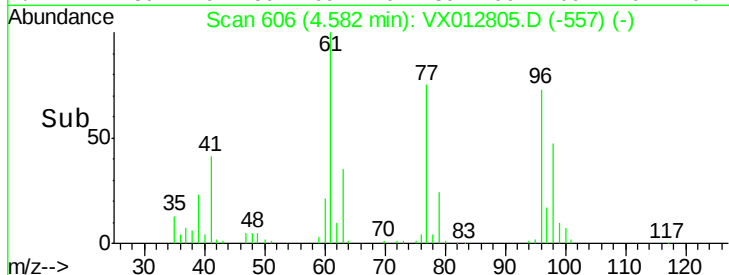
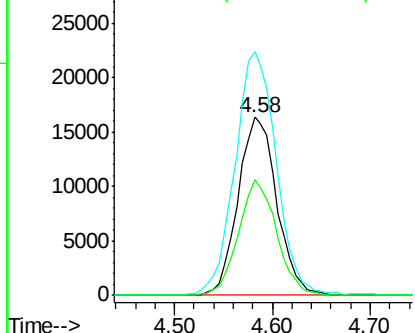
cis-1,2-Dichloroethene
Concen: 19.370 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 96 Resp: 45122
Ion Ratio Lower Upper
96 100
61 145.6 0.0 319.4
98 63.7 0.0 130.6



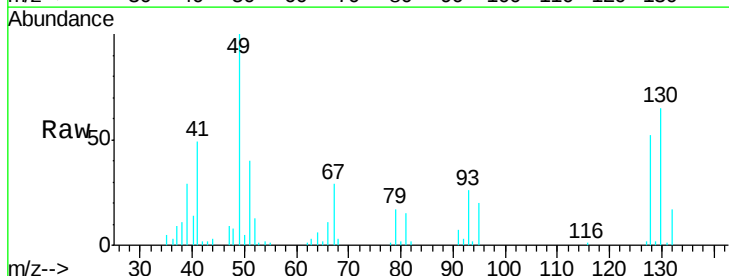
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



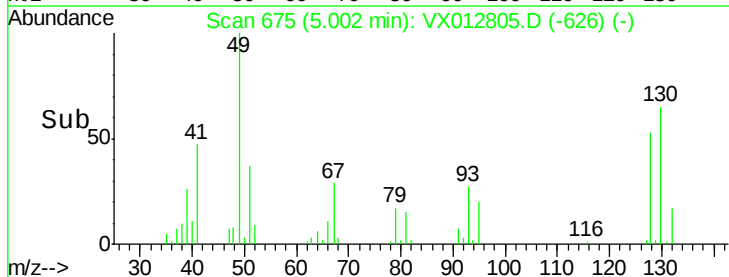
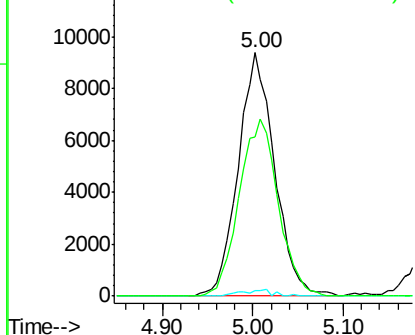
#28

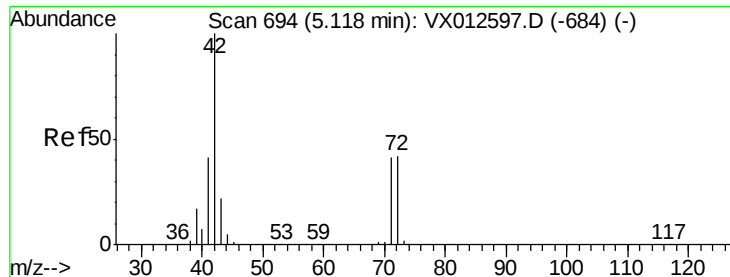
Bromochloromethane
Concen: 18.965 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 49 Resp: 26005
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 78.1 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 89.978 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

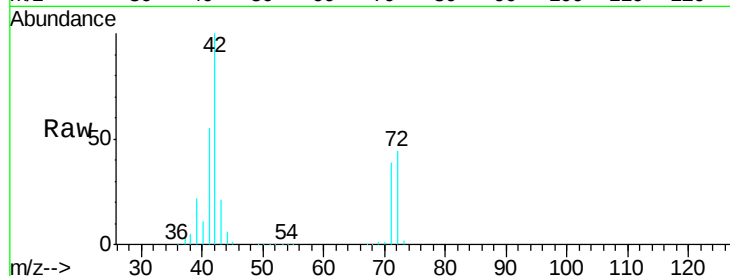
Tgt Ion: 42 Resp: 102230

Ion Ratio Lower Upper

42 100

72 45.7 34.0 51.0

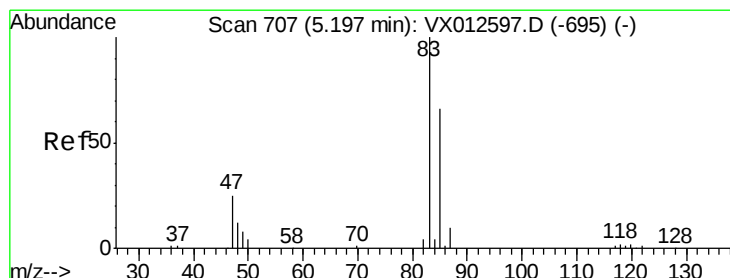
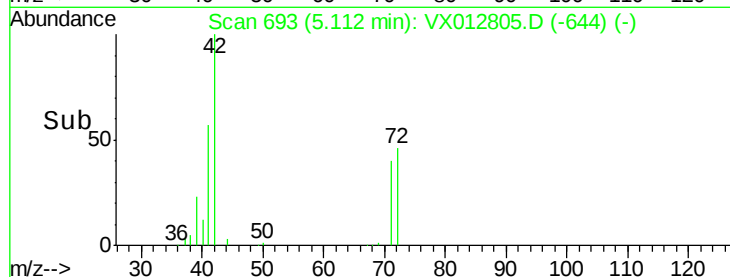
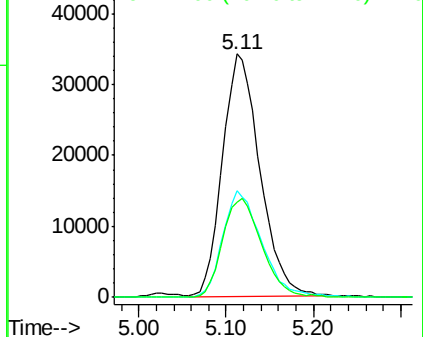
71 42.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.023 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012805.D

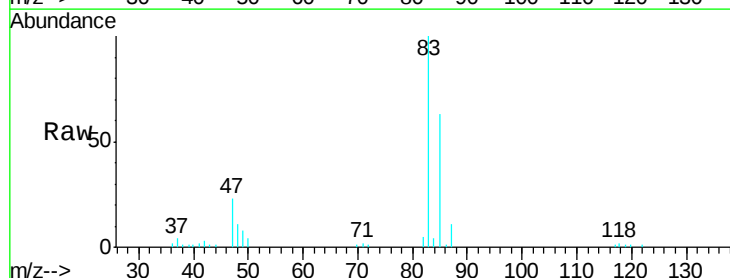
Acq: 04 Oct 2019 12:42

Tgt Ion: 83 Resp: 73496

Ion Ratio Lower Upper

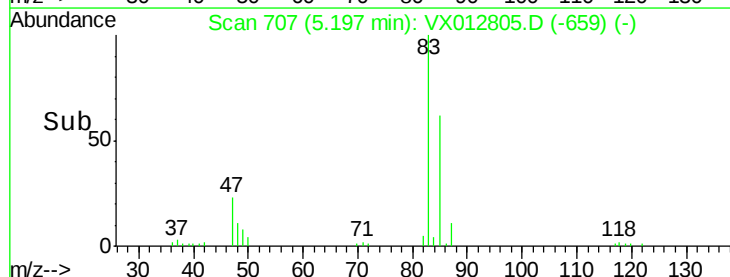
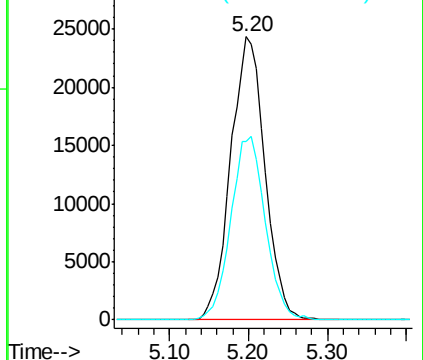
83 100

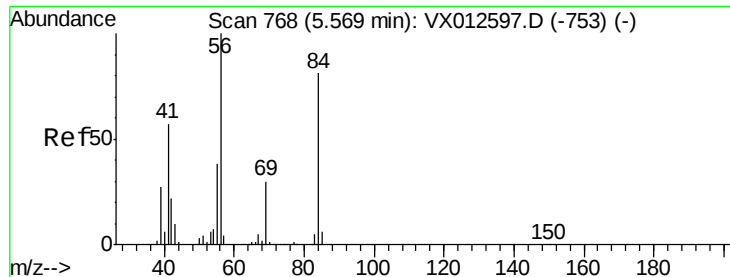
85 63.2 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

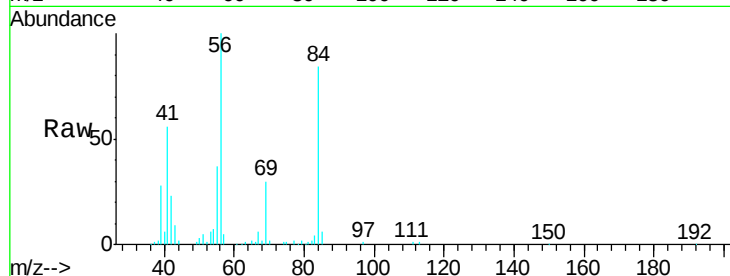




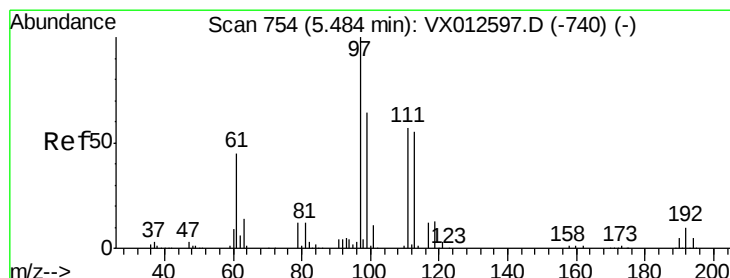
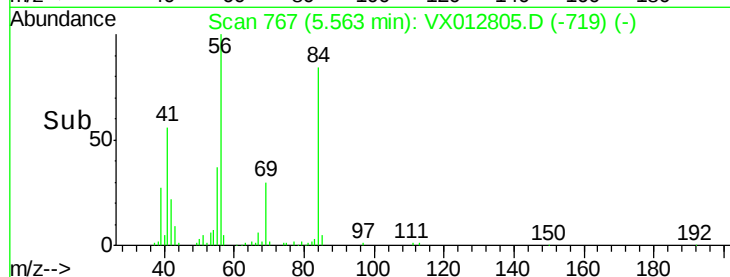
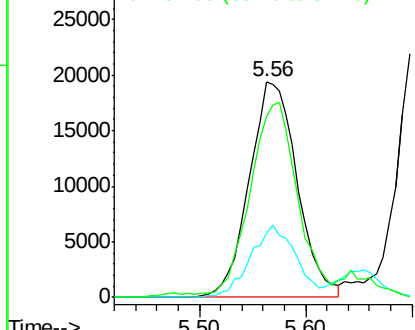
#31
Cyclohexane
Concen: 17.881 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 56 Resp: 61087
Ion Ratio Lower Upper
56 100
69 30.0 25.0 37.6
84 82.1 66.4 99.6

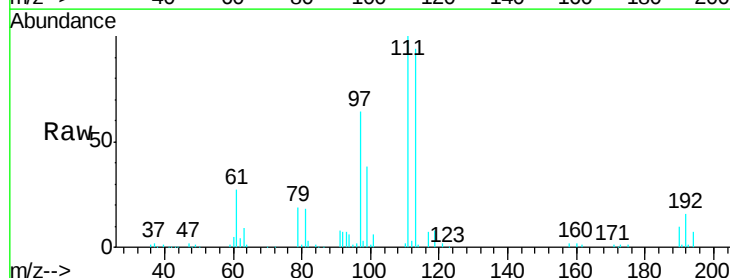


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

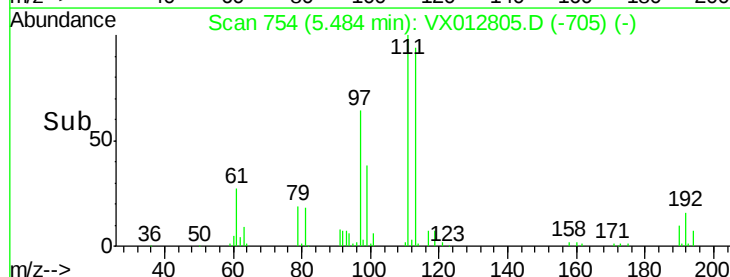
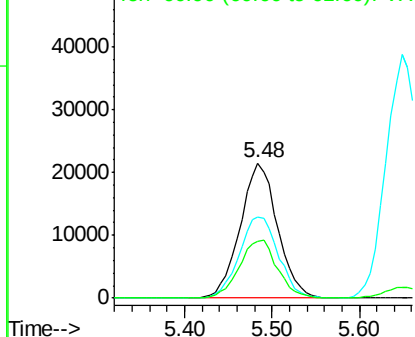


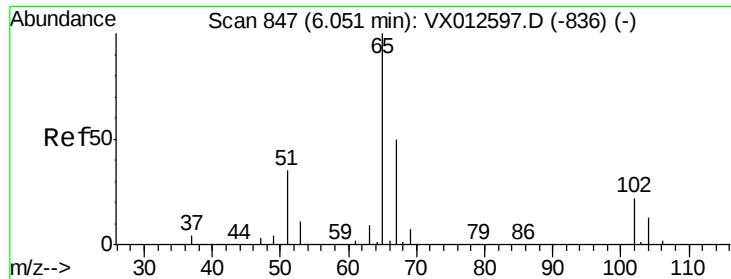
#32
1,1,1-Trichloroethane
Concen: 18.543 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 97 Resp: 63495
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 44.0 36.1 54.1



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

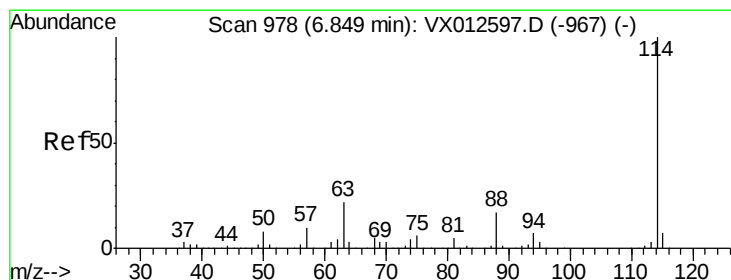
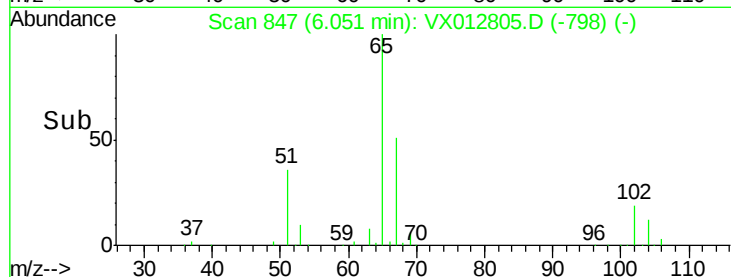
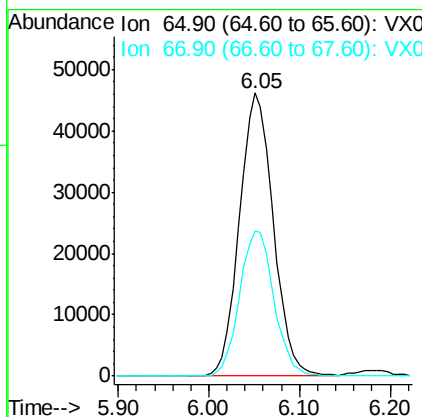
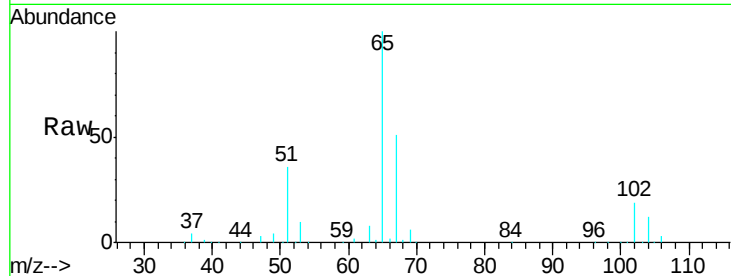




#33
 1,2-Dichloroethane-d4
 Concen: 48.633 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

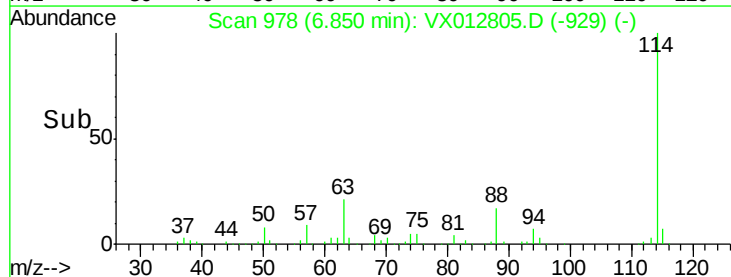
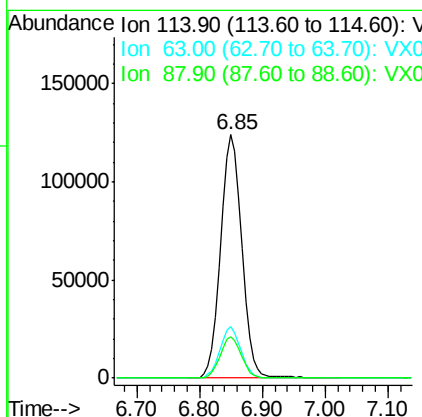
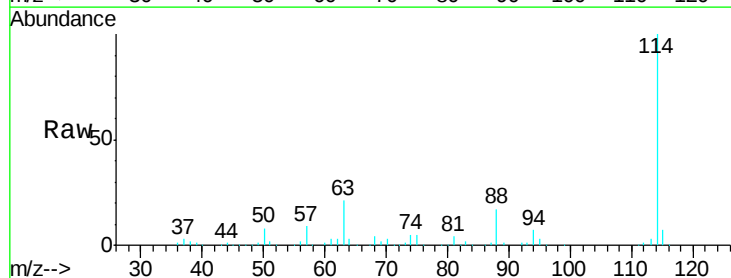
Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS01

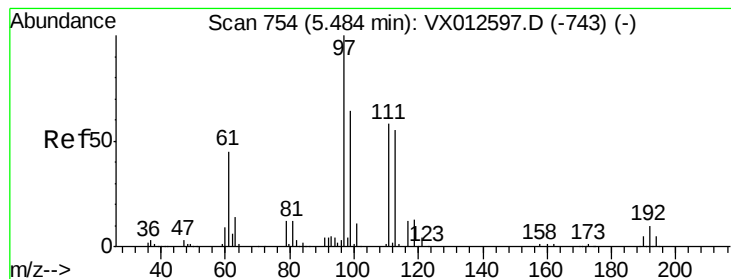
Tgt Ion: 65 Resp: 119364
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 114 Resp: 290846
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.886 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

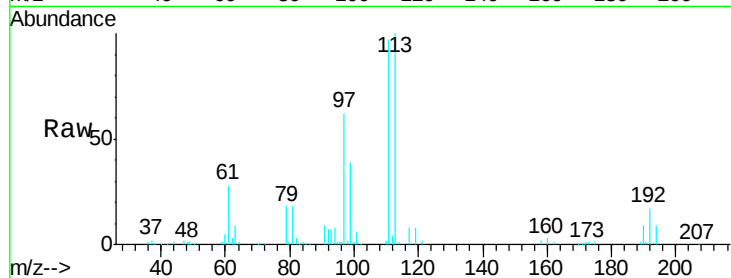
Tgt Ion:113 Resp: 91605

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

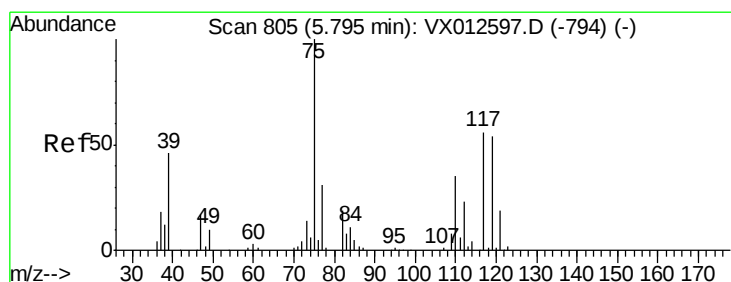
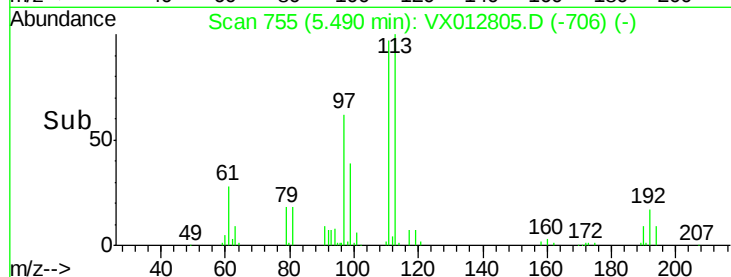
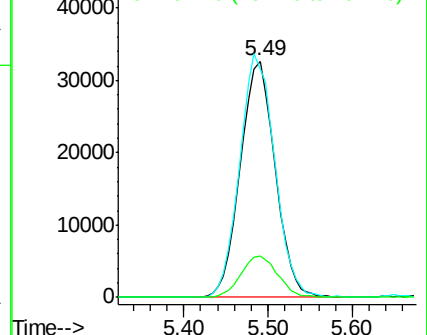
192 18.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.112 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

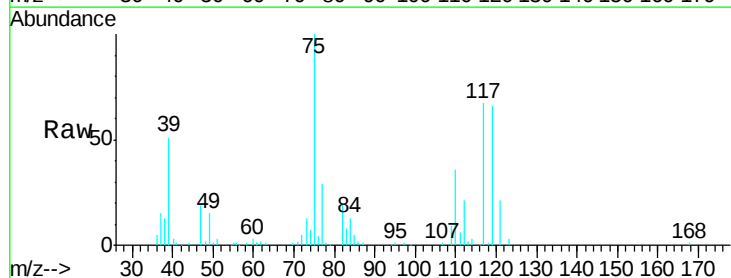
Tgt Ion: 75 Resp: 53580

Ion Ratio Lower Upper

75 100

110 35.2 16.7 50.0

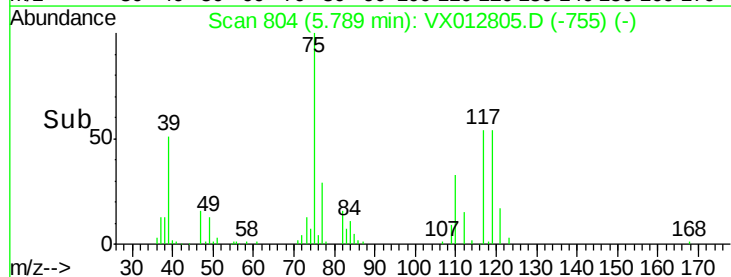
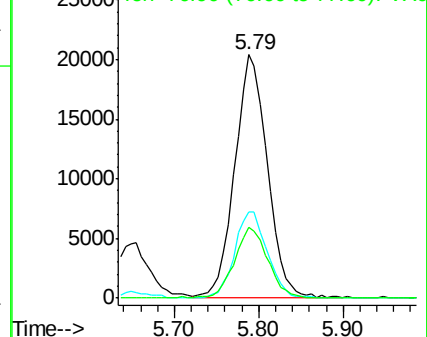
77 29.6 24.2 36.2

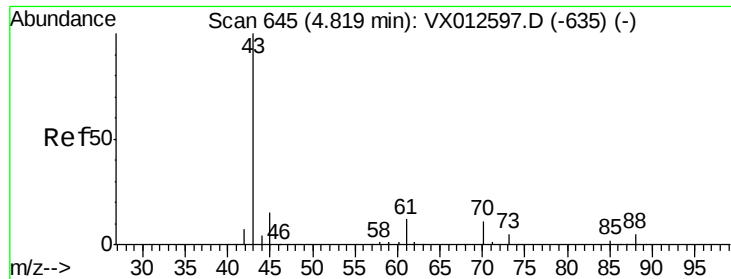


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

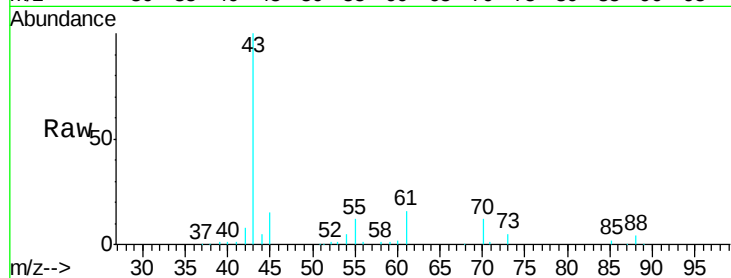




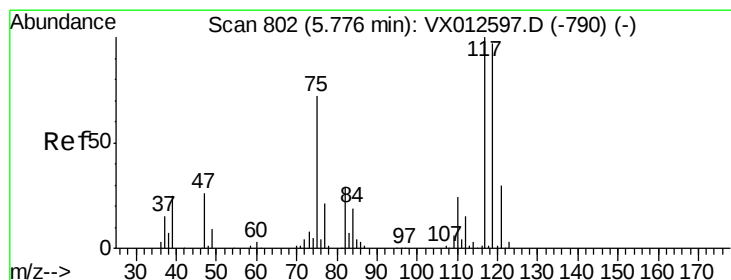
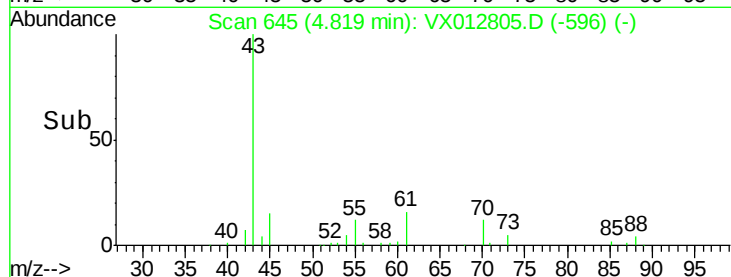
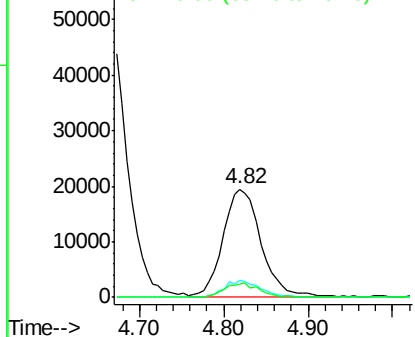
#37
Ethyl Acetate
Concen: 17.950 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 43 Resp: 58830
Ion Ratio Lower Upper
43 100
61 15.3 10.2 15.4
70 12.1 8.7 13.1

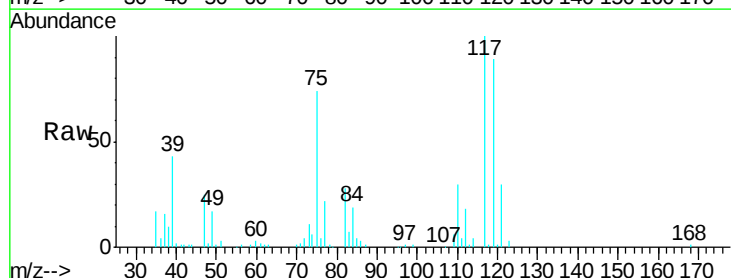


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

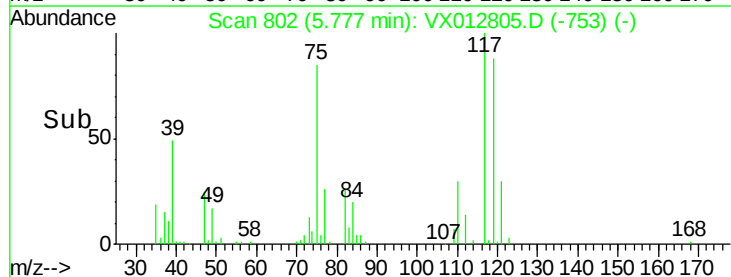
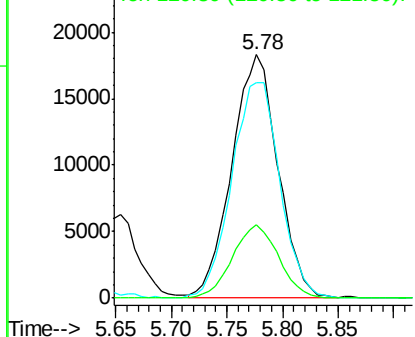


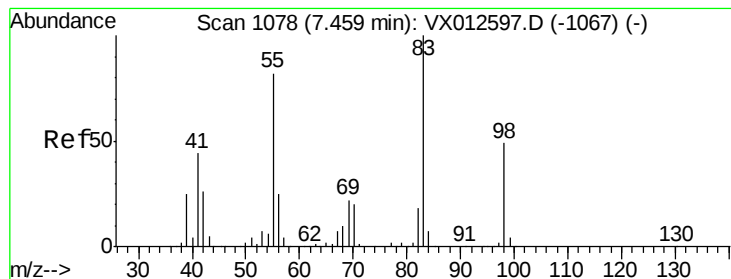
#38
Carbon Tetrachloride
Concen: 18.489 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 117 Resp: 52652
Ion Ratio Lower Upper
117 100
119 88.7 75.7 113.5
121 29.9 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 18.598 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

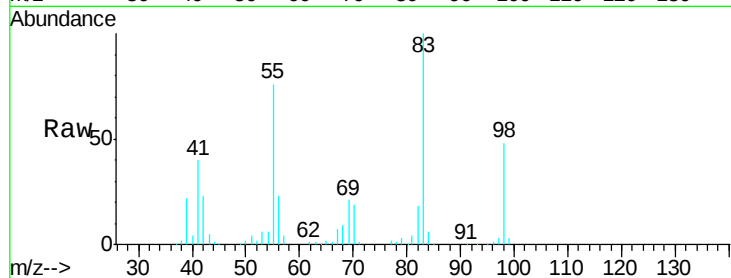
Tgt Ion: 83 Resp: 62769

Ion Ratio Lower Upper

83 100

55 75.9 64.4 96.6

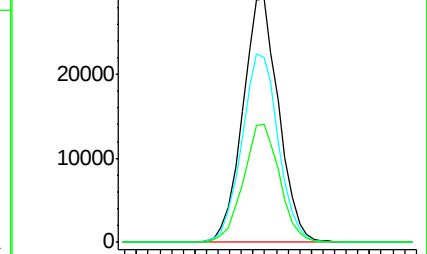
98 48.4 40.1 60.1



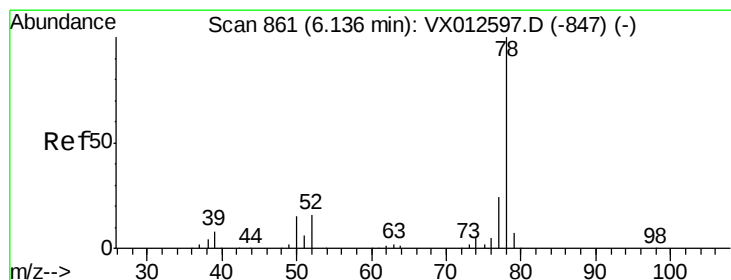
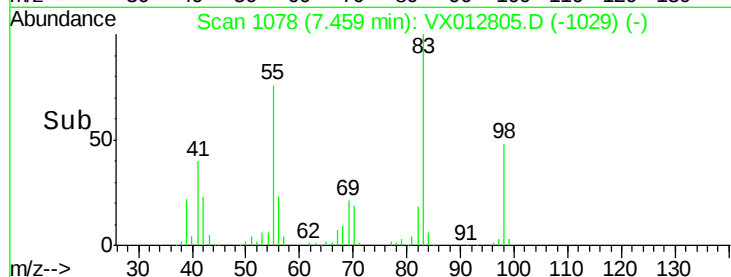
Abundance Ion 83.00 (82.70 to 83.70): VX012597.D (-1067) (-)

Ion 55.00 (54.70 to 55.70): VX012597.D (-1067) (-)

Ion 98.00 (97.70 to 98.70): VX012597.D (-1067) (-)



Time-->



#40

Benzene

Concen: 19.353 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX012805.D

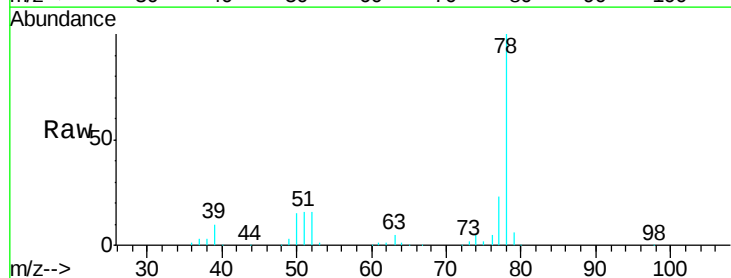
Acq: 04 Oct 2019 12:42

Tgt Ion: 78 Resp: 159635

Ion Ratio Lower Upper

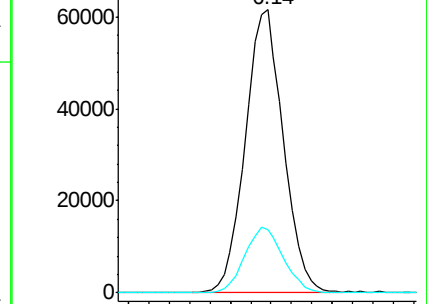
78 100

77 22.5 19.2 28.8

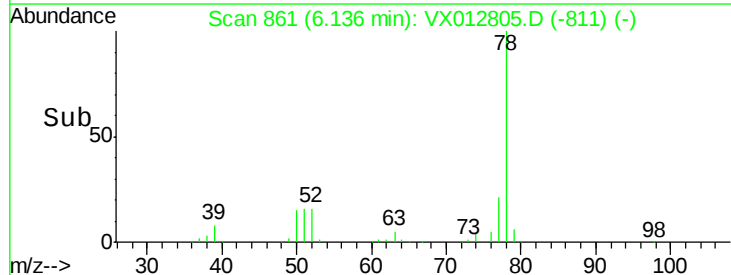


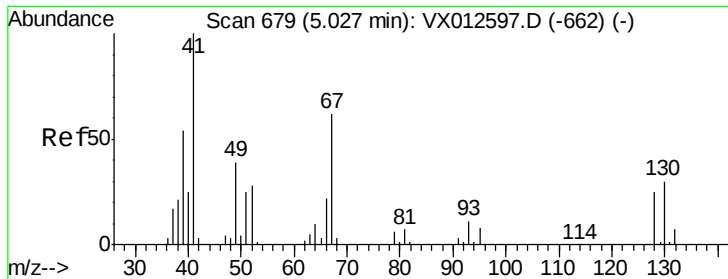
Abundance Ion 78.00 (77.70 to 78.70): VX012597.D (-847) (-)

Ion 77.00 (76.70 to 77.70): VX012597.D (-847) (-)



Time-->





#41

Methacrylonitrile

Concen: 19.002 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 41 Resp: 34943

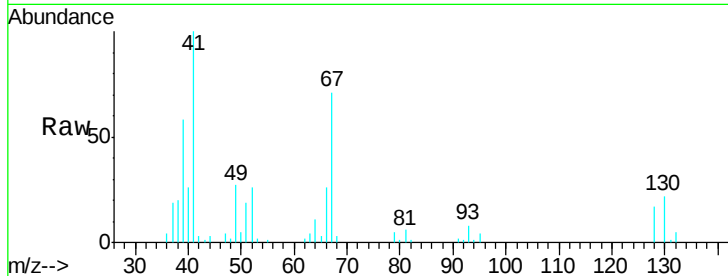
Ion Ratio Lower Upper

41 100

39 51.5 46.0 69.0

67 69.7 52.2 78.2

52 28.6 22.7 34.1

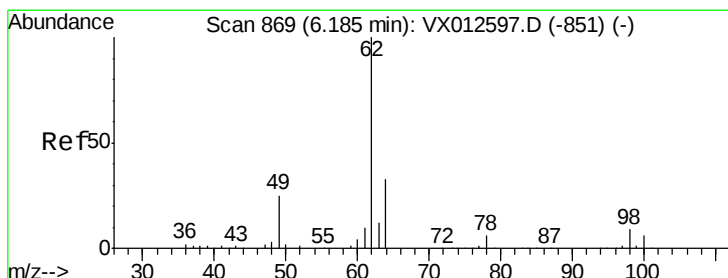
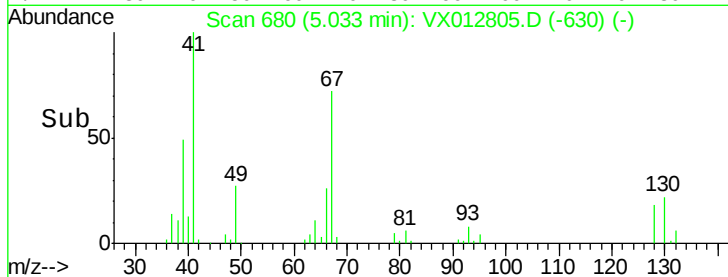
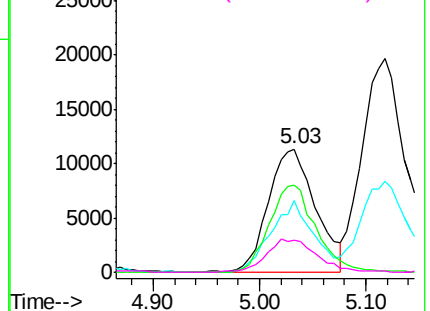


Abundance Ion 41.00 (40.70 to 41.70): VX012597.D (-662) (-)

Ion 39.00 (38.70 to 39.70): VX012597.D (-662) (-)

Ion 67.00 (66.70 to 67.70): VX012597.D (-662) (-)

Ion 52.00 (51.70 to 52.70): VX012597.D (-662) (-)



#42

1,2-Dichloroethane

Concen: 18.924 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012805.D

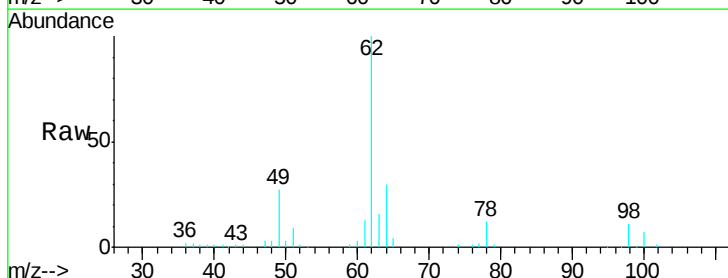
Acq: 04 Oct 2019 12:42

Tgt Ion: 62 Resp: 59275

Ion Ratio Lower Upper

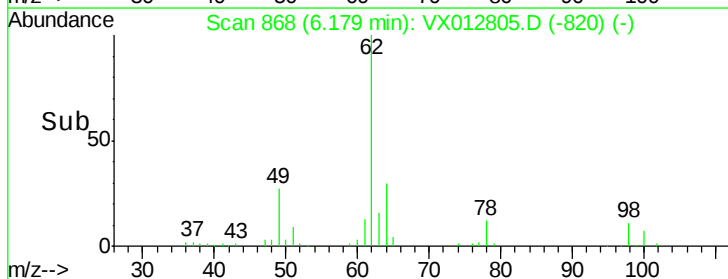
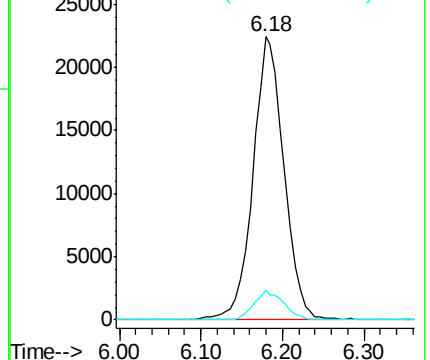
62 100

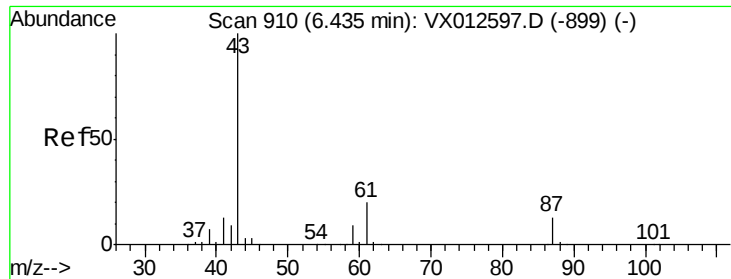
98 10.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX012597.D (-851) (-)

Ion 97.90 (97.60 to 98.60): VX012597.D (-851) (-)



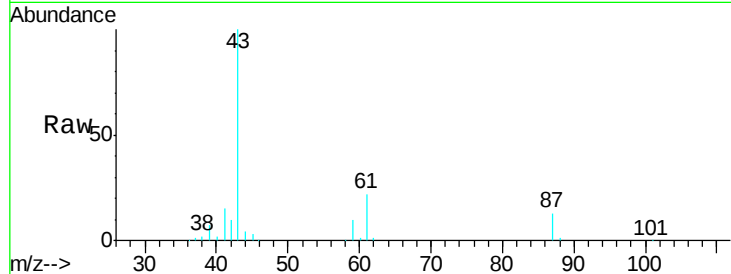


#43

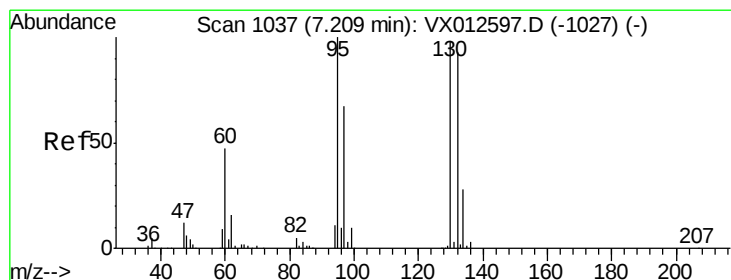
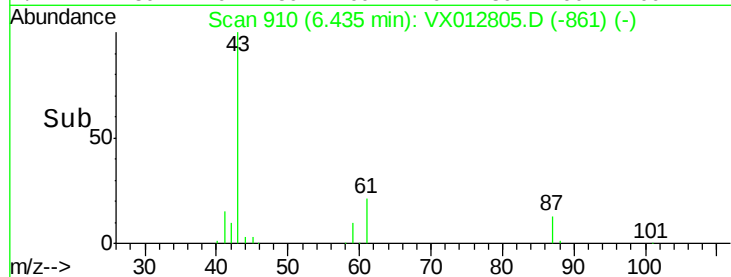
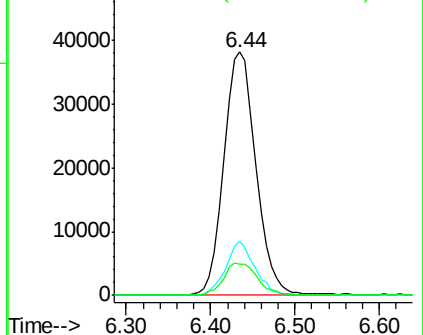
Isopropyl Acetate
 Concen: 18.118 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS01

Tgt Ion: 43 Resp: 99305
 Ion Ratio Lower Upper
 43 100
 61 20.0 15.4 23.0
 87 14.0 9.8 14.8



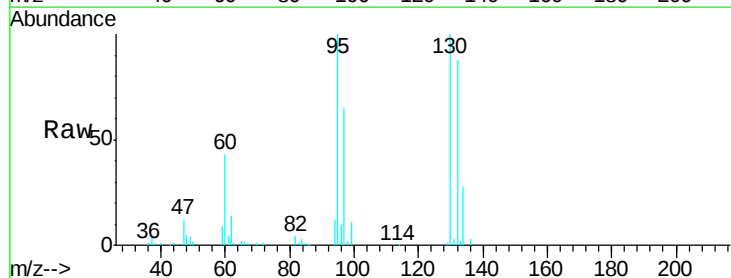
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



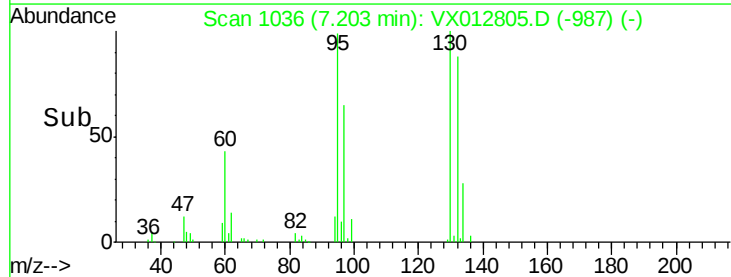
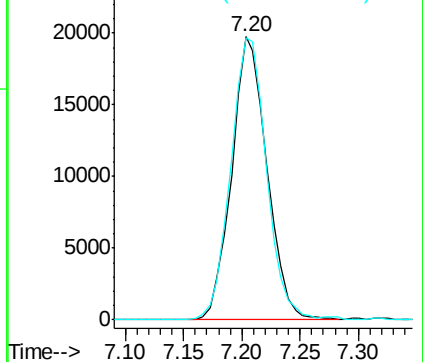
#44

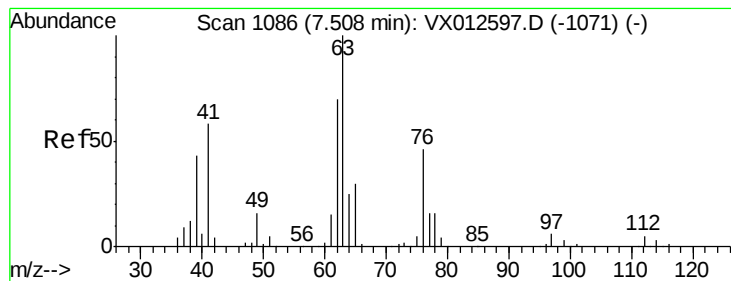
Trichloroethene
 Concen: 19.725 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 130 Resp: 41595
 Ion Ratio Lower Upper
 130 100
 95 99.6 0.0 193.0



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





#45

1,2-Dichloropropane

Concen: 19.924 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

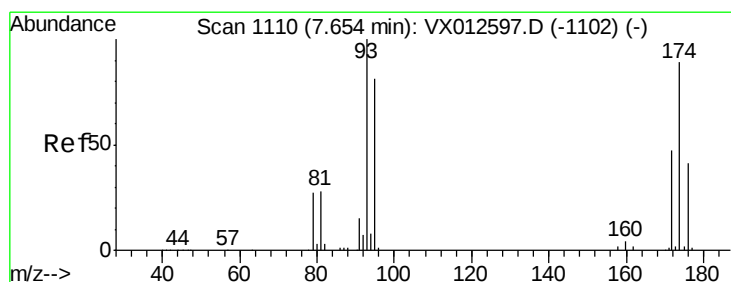
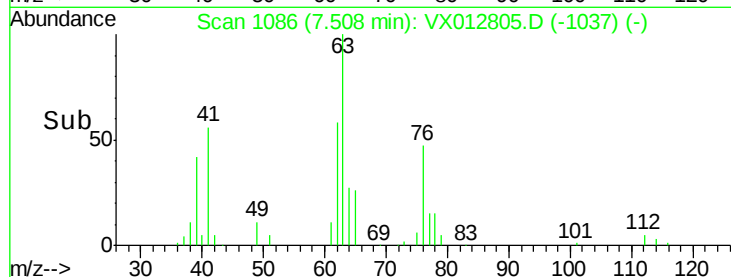
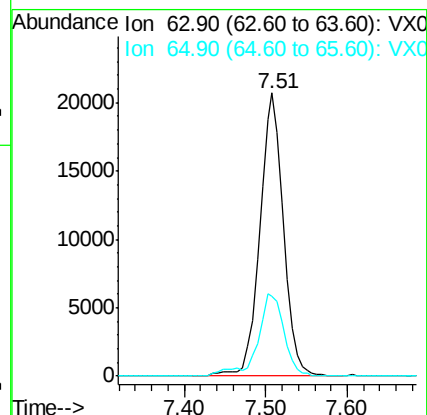
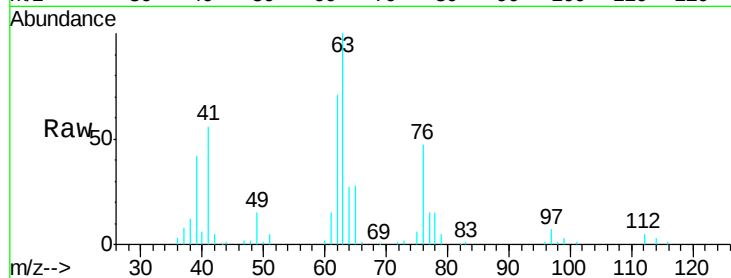
VX1004WBS01

Tgt Ion: 63 Resp: 42075

Ion Ratio Lower Upper

63 100

65 28.1 25.0 37.6



#46

Dibromomethane

Concen: 19.147 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

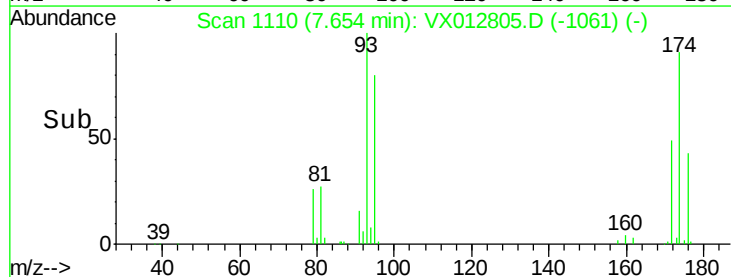
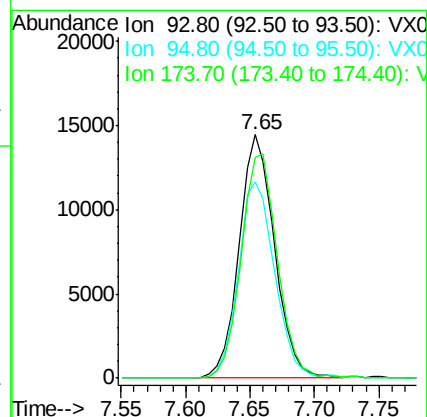
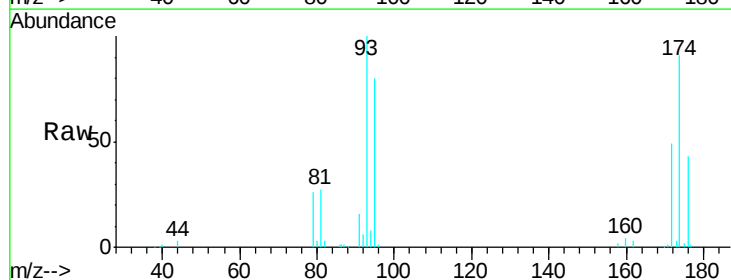
Tgt Ion: 93 Resp: 27530

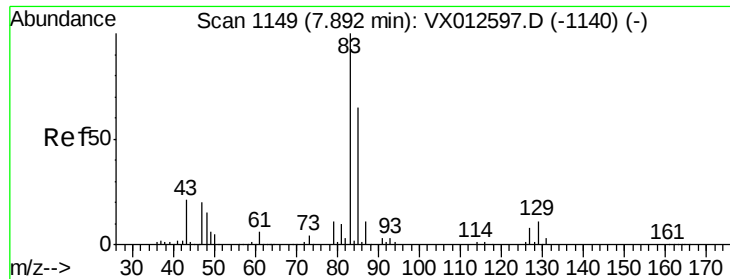
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 94.1 77.4 116.0





#47

Bromodichloromethane

Concen: 18.593 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

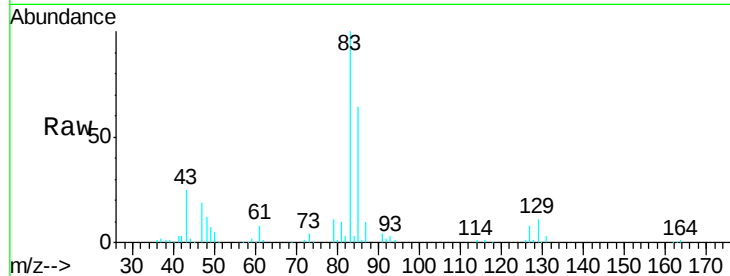
Tgt Ion: 83 Resp: 53432

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6

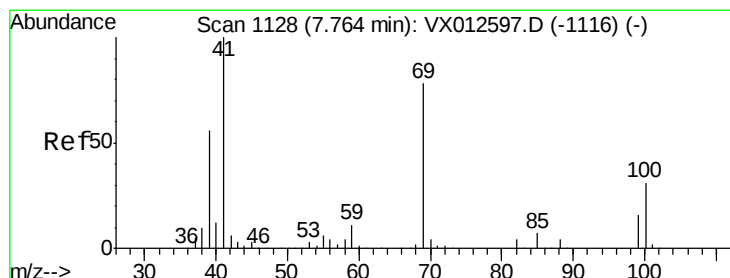
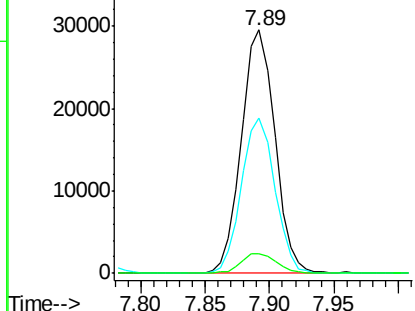
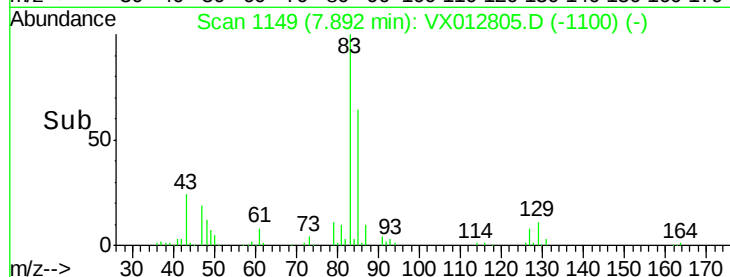
127 8.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.054 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

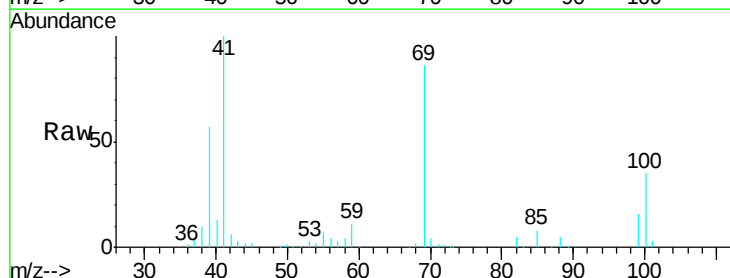
Tgt Ion: 41 Resp: 47448

Ion Ratio Lower Upper

41 100

69 83.4 59.9 89.9

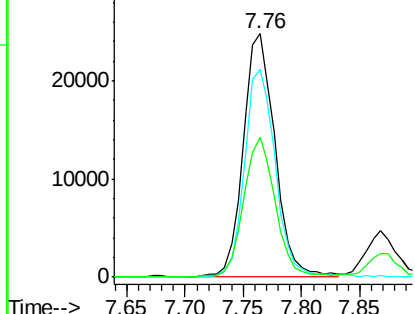
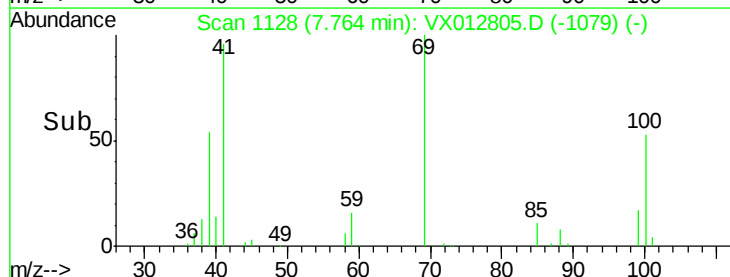
39 57.0 47.8 71.6

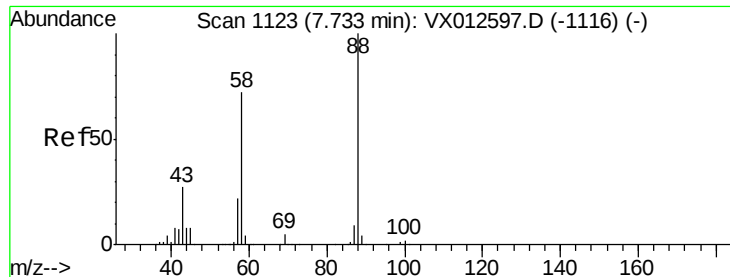


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

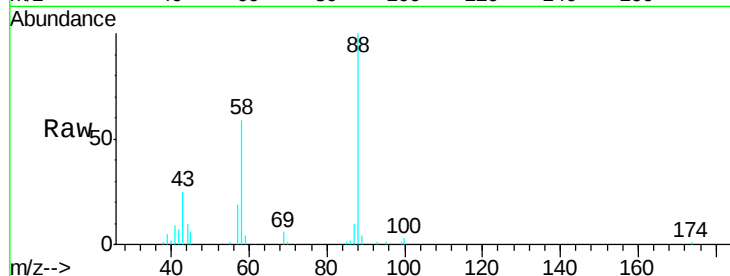




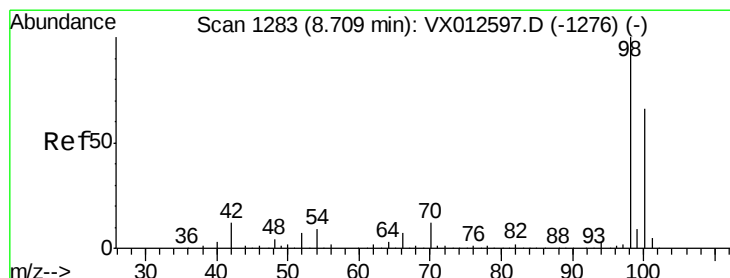
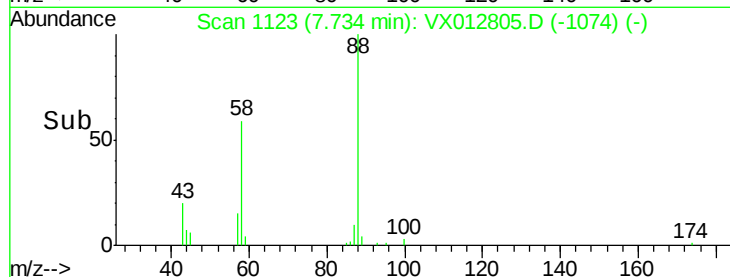
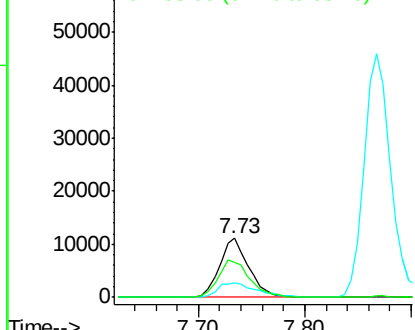
#49
1,4-Dioxane
Concen: 357.067 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 88 Resp: 21285
Ion Ratio Lower Upper
88 100
43 33.2 29.4 44.0
58 68.1 57.5 86.3

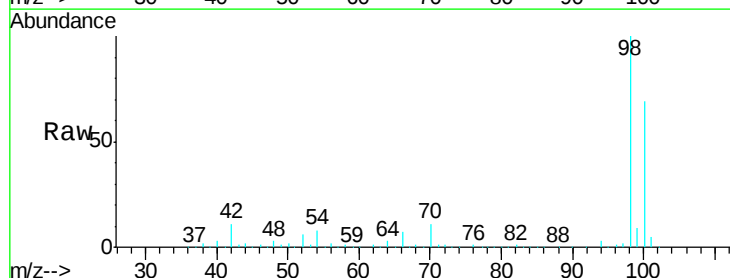


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

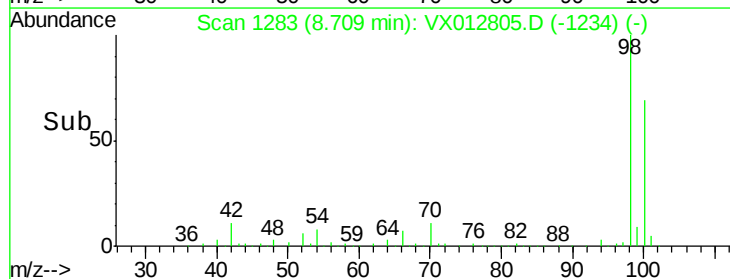
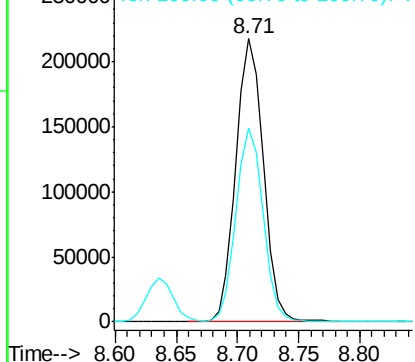


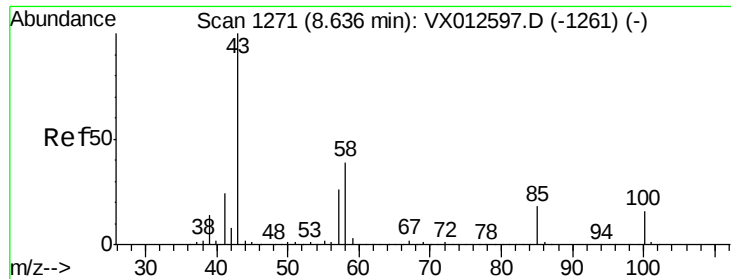
#50
Toluene-d8
Concen: 51.095 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 98 Resp: 340829
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.096 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

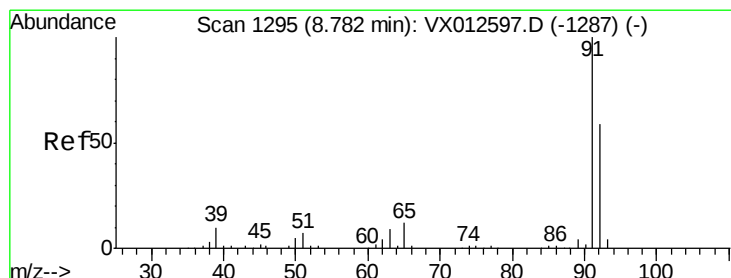
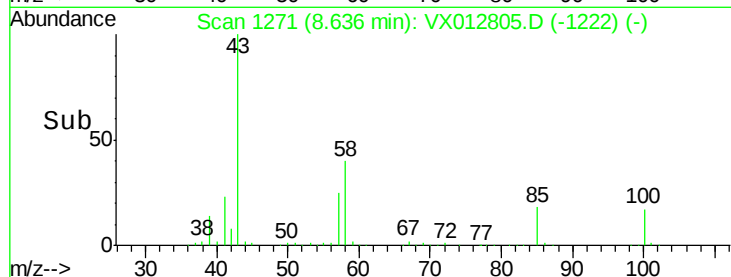
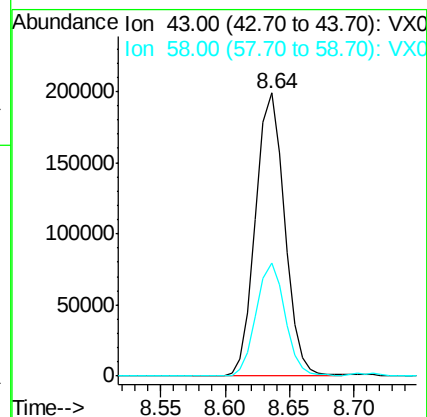
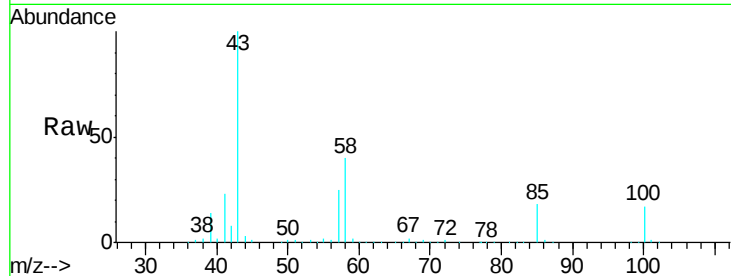
VX1004WBS01

Tgt Ion: 43 Resp: 311594

Ion Ratio Lower Upper

43 100

58 39.5 29.8 44.6



#52

Toluene

Concen: 19.414 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012805.D

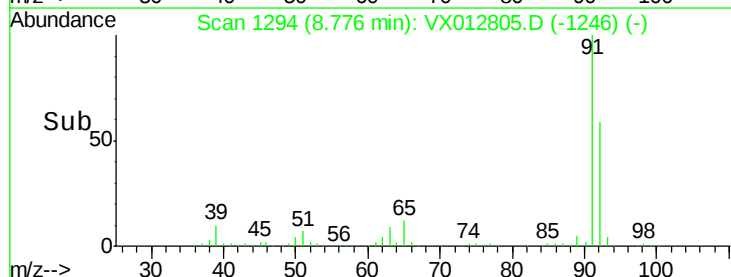
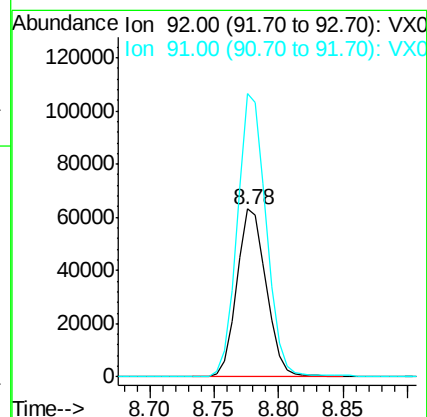
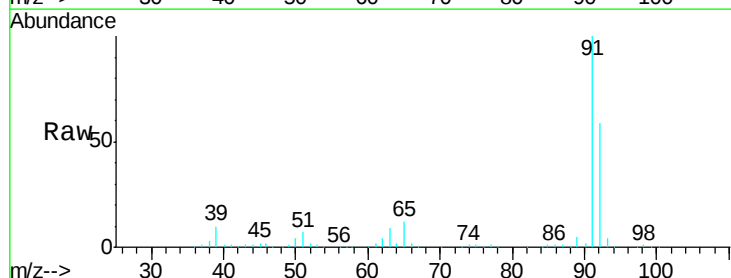
Acq: 04 Oct 2019 12:42

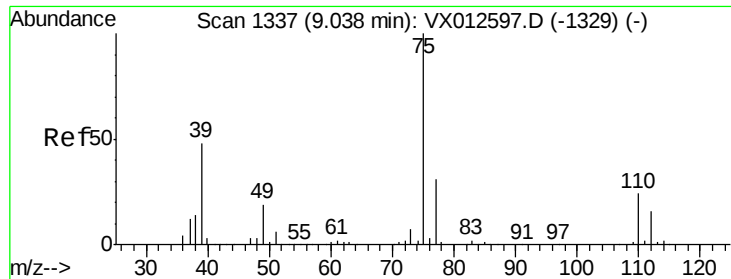
Tgt Ion: 92 Resp: 100646

Ion Ratio Lower Upper

92 100

91 165.6 135.4 203.0

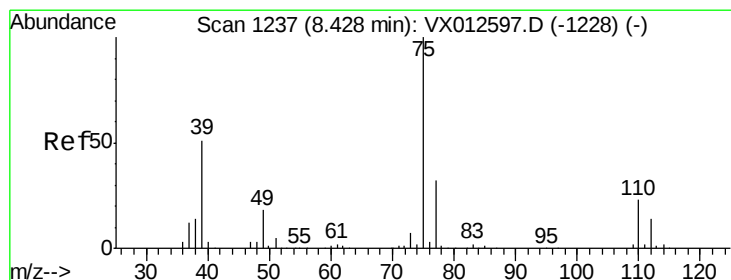
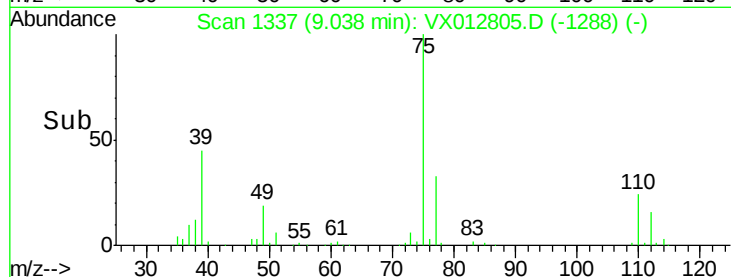
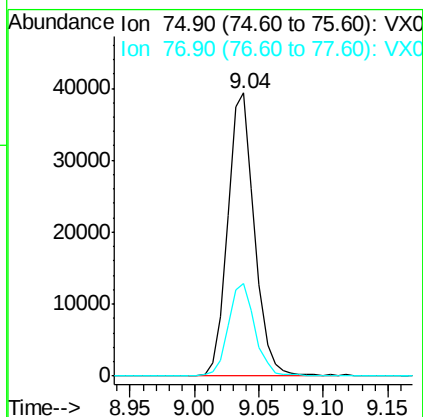
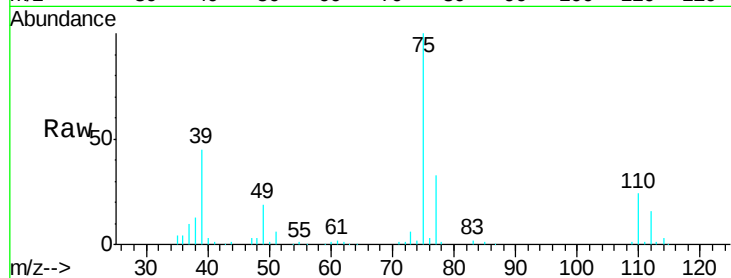




#53
 t-1,3-Dichloropropene
 Concen: 18.030 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

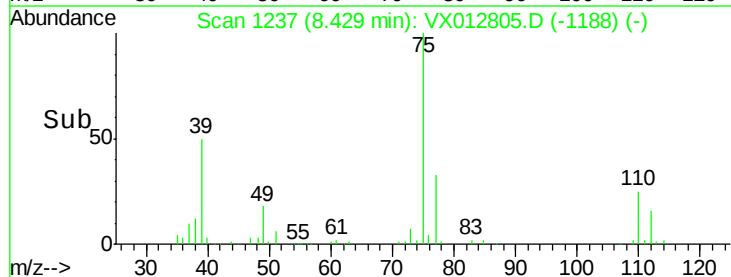
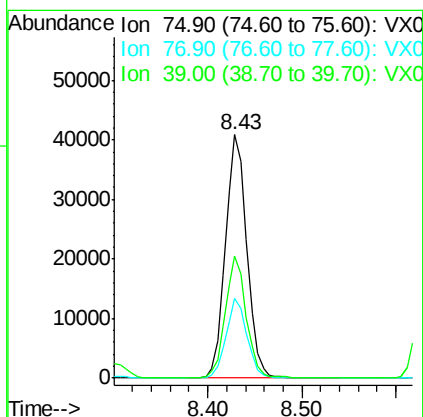
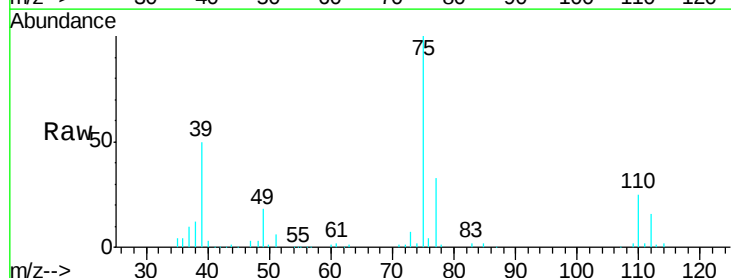
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

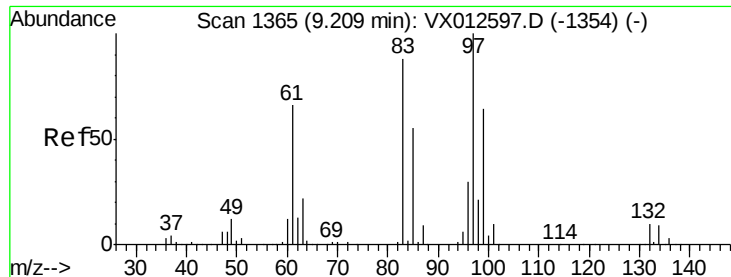
Tgt Ion: 75 Resp: 57325
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.571 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 75 Resp: 64470
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.8
 39 50.4 45.5 68.3

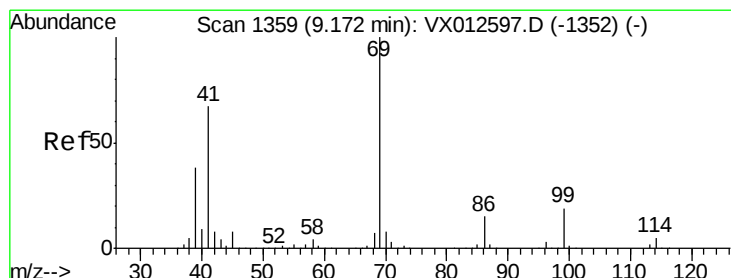
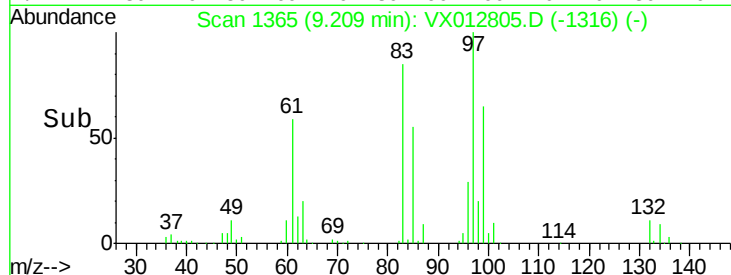
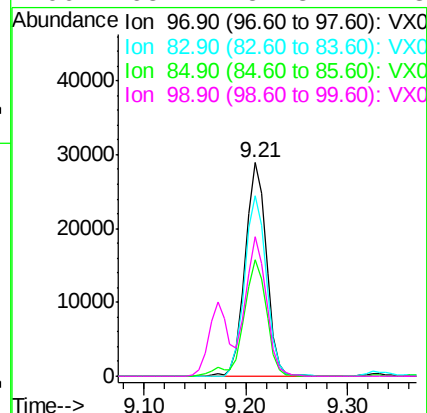
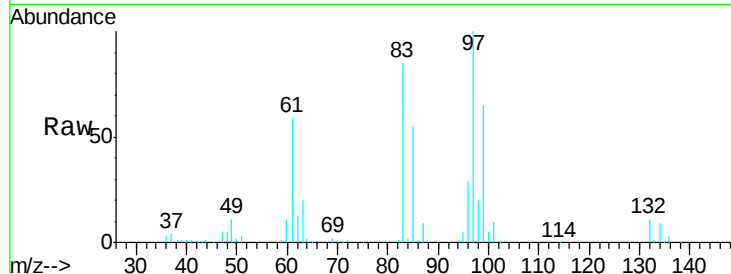




#55
 1,1,2-Trichloroethane
 Concen: 20.281 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

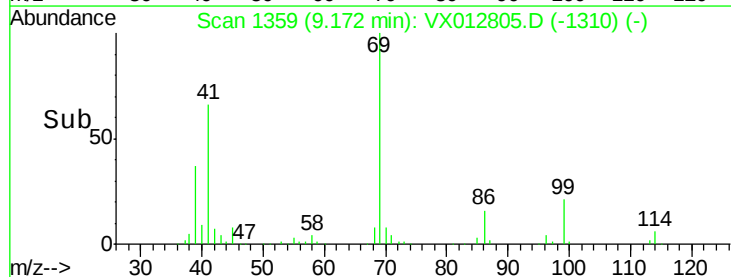
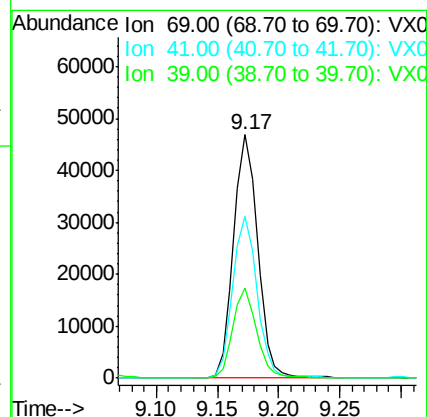
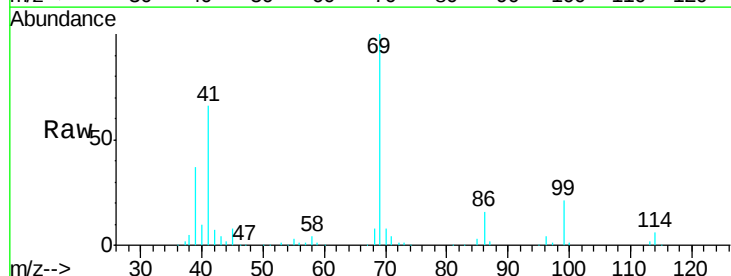
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

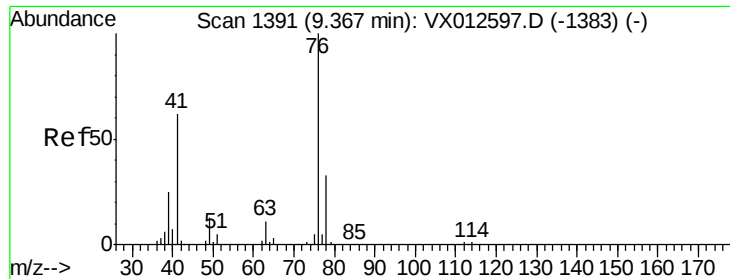
Tgt Ion: 97 Resp: 41802
 Ion Ratio Lower Upper
 97 100
 83 84.5 67.4 101.2
 85 54.6 43.5 65.3
 99 65.4 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 18.605 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 69 Resp: 64423
 Ion Ratio Lower Upper
 69 100
 41 67.1 58.4 87.6
 39 36.6 33.4 50.0





#57

1,3-Dichloropropane

Concen: 19.962 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

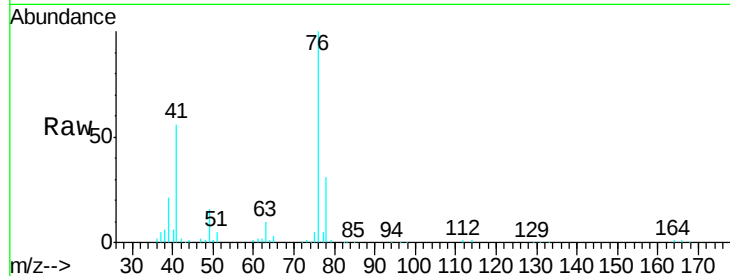
VX1004WBS01

Tgt Ion: 76 Resp: 72007

Ion Ratio Lower Upper

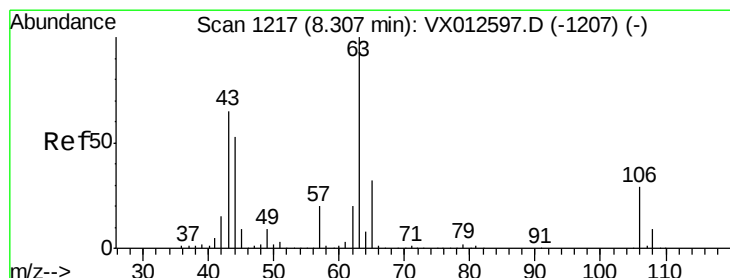
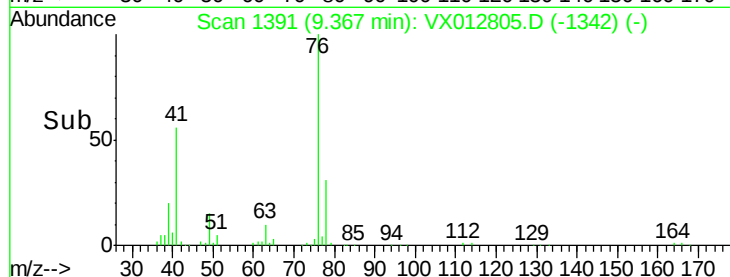
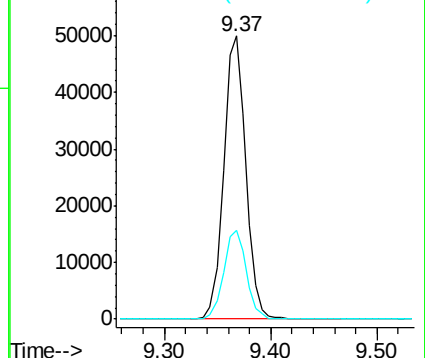
76 100

78 32.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 110.777 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012805.D

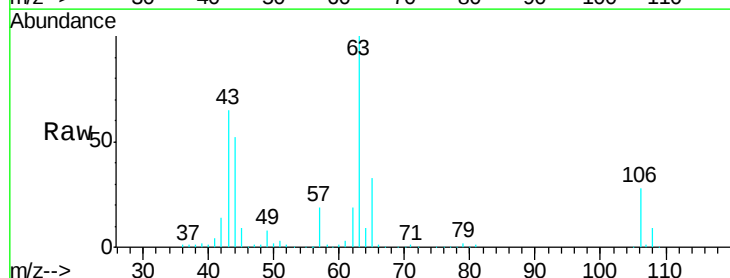
Acq: 04 Oct 2019 12:42

Tgt Ion: 63 Resp: 172181

Ion Ratio Lower Upper

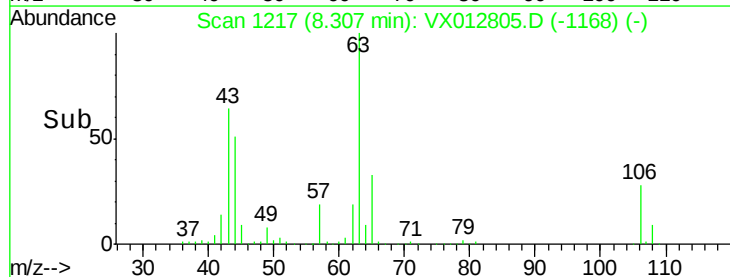
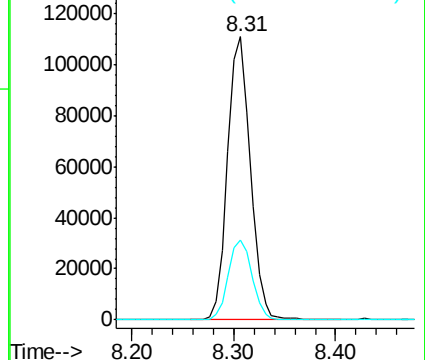
63 100

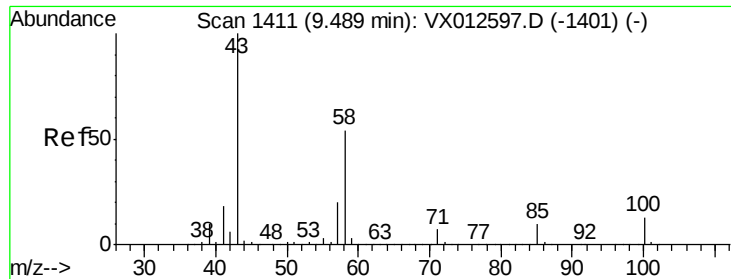
106 29.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

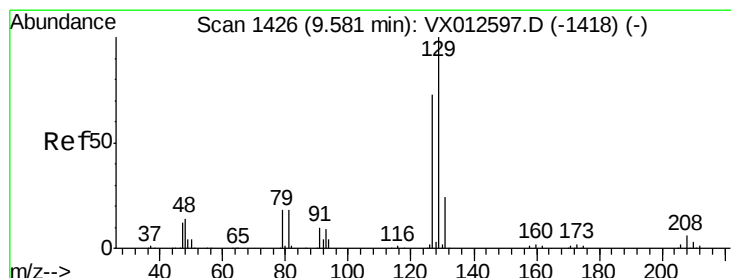
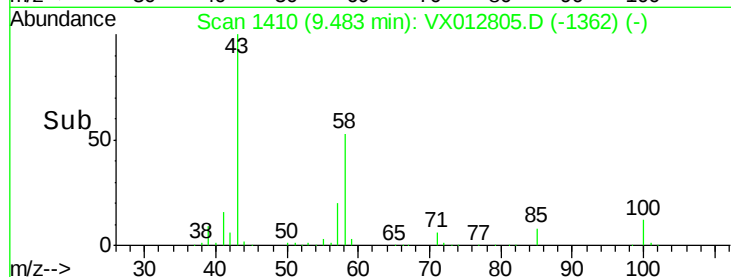
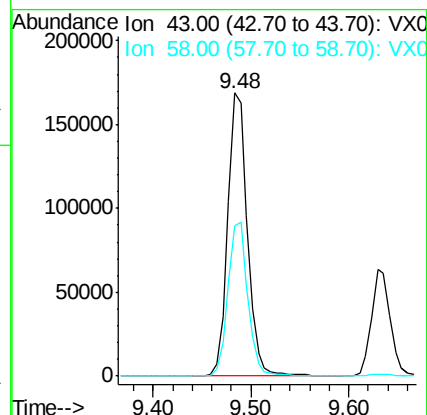
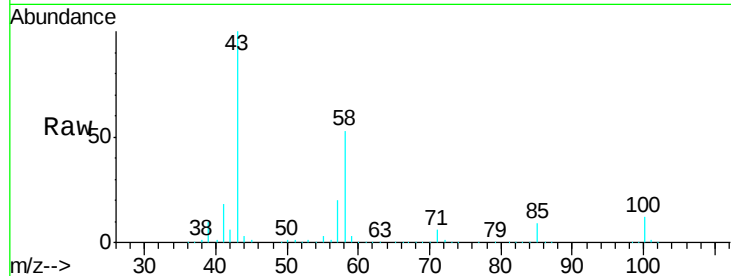




#59
2-Hexanone
Concen: 90.982 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

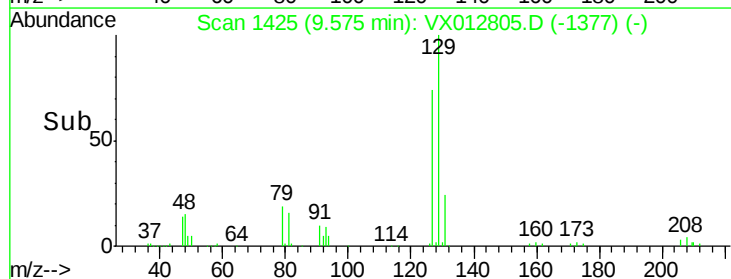
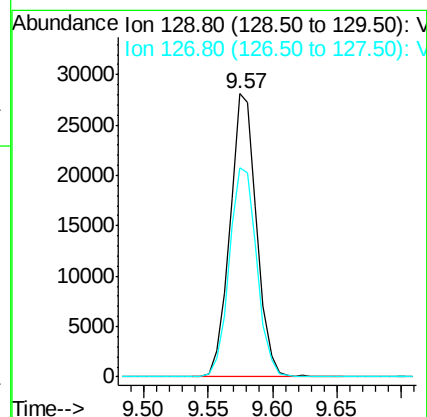
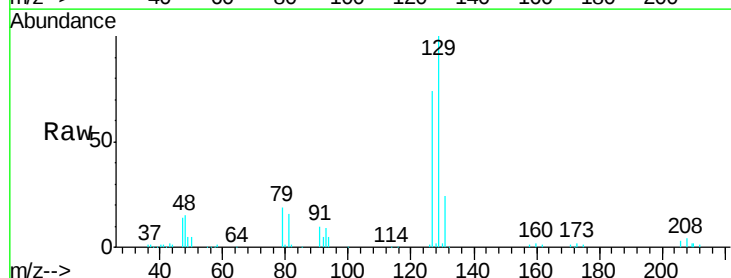
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

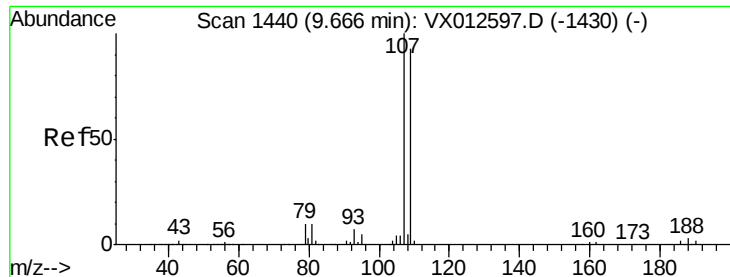
Tgt Ion: 43 Resp: 235621
Ion Ratio Lower Upper
43 100
58 55.1 25.7 77.1



#60
Dibromochloromethane
Concen: 19.546 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 129 Resp: 40781
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.156 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

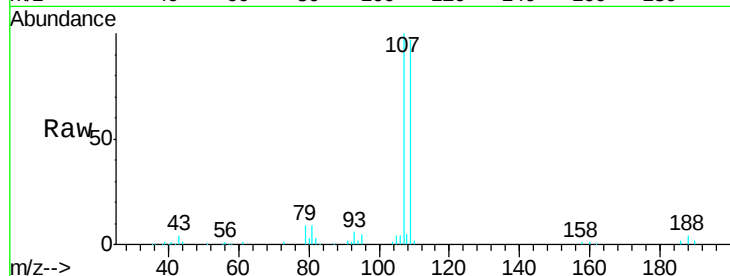
VX1004WBS01

Tgt Ion: 107 Resp: 43236

Ion Ratio Lower Upper

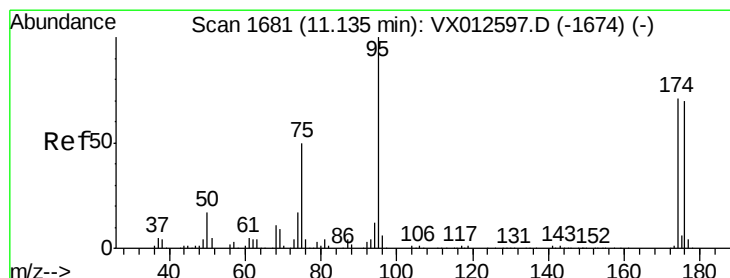
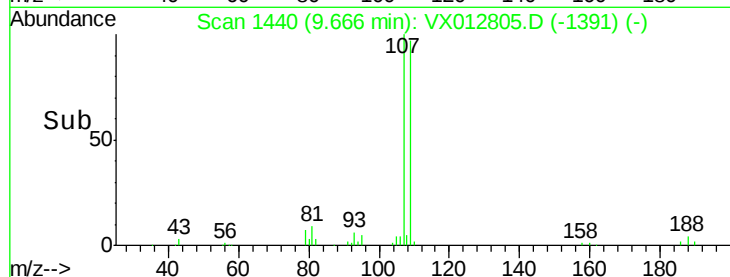
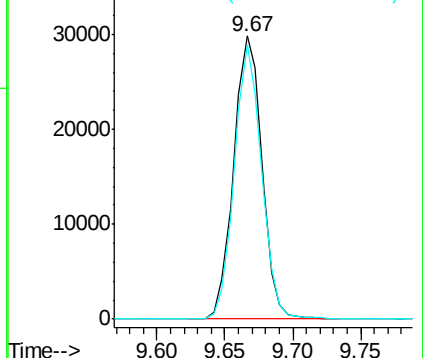
107 100

109 93.4 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.017 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

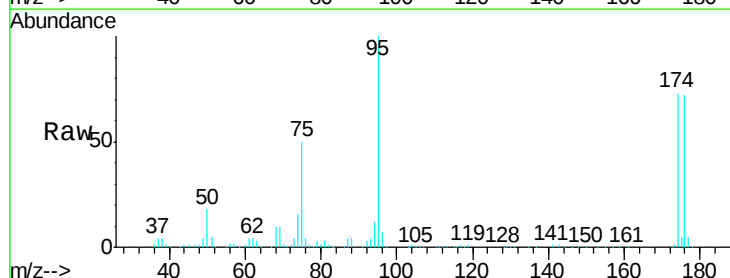
Tgt Ion: 95 Resp: 131188

Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

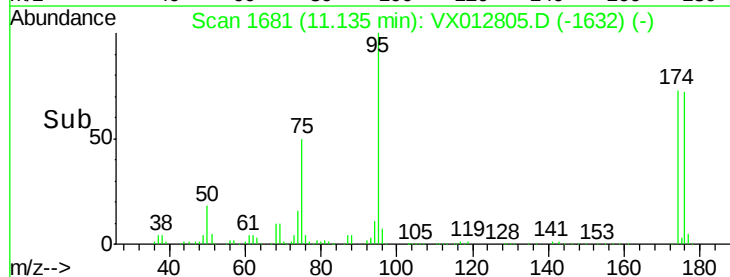
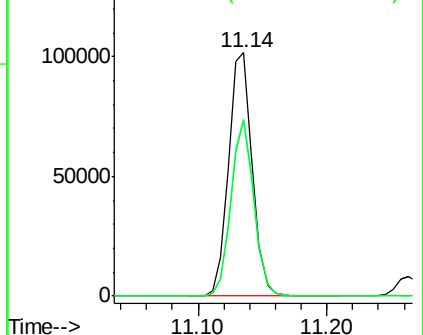
176 68.9 0.0 135.4

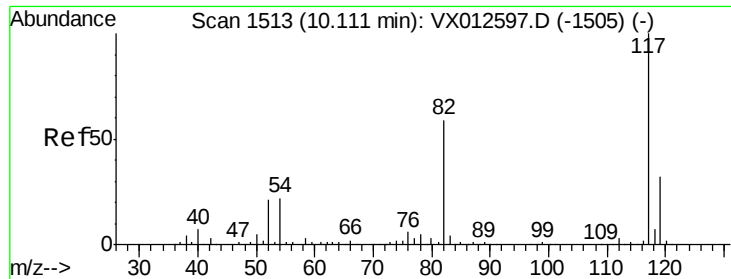


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

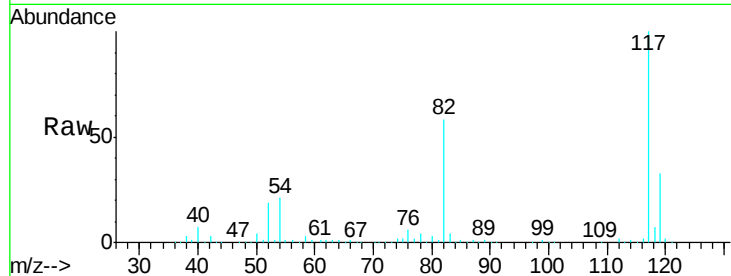




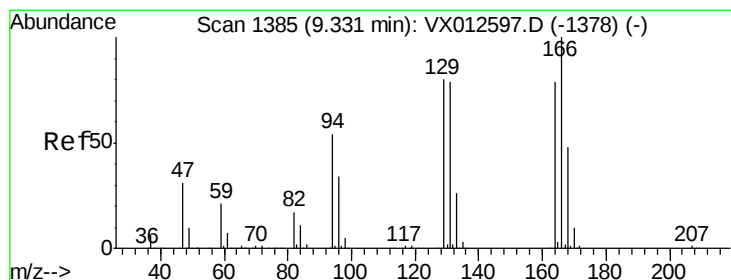
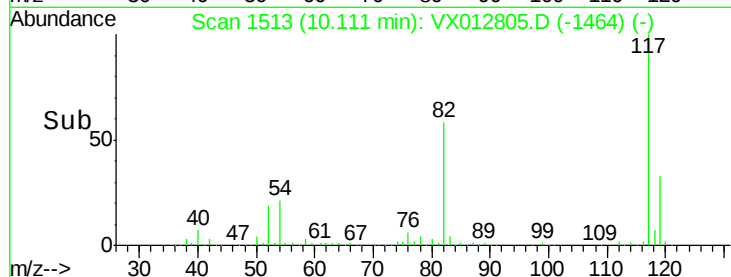
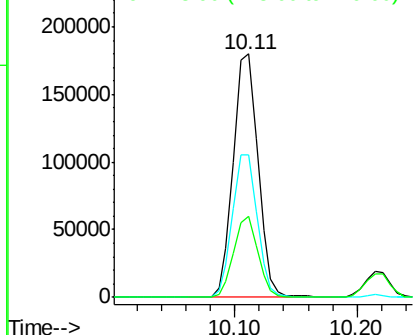
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion:117 Resp: 252247
Ion Ratio Lower Upper
117 100
82 58.4 45.9 68.9
119 33.2 25.3 37.9



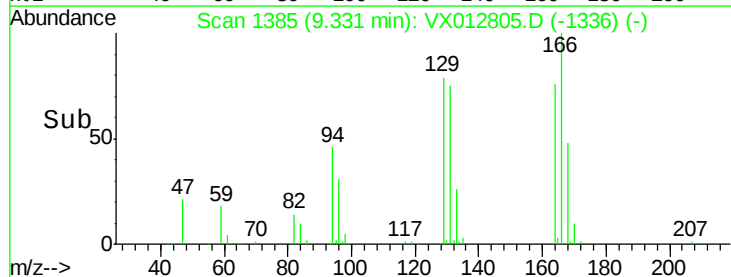
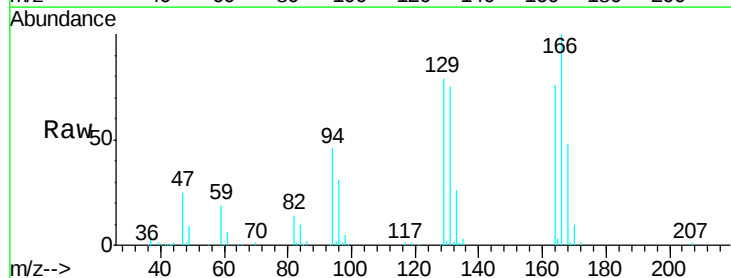
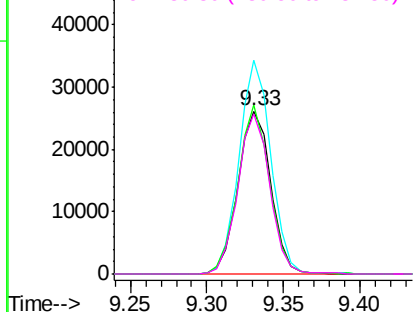
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

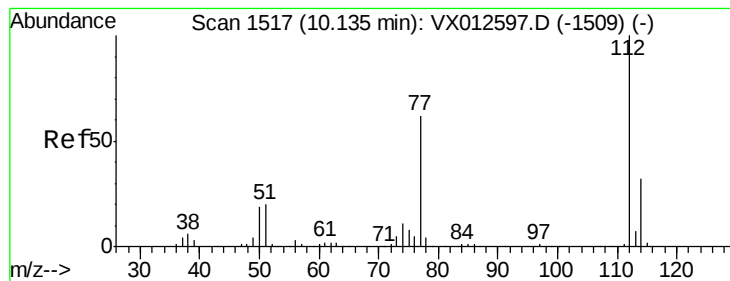


#64
Tetrachloroethene
Concen: 22.117 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion:164 Resp: 38897
Ion Ratio Lower Upper
164 100
166 131.2 107.8 161.6
129 103.5 86.2 129.2
131 98.0 80.4 120.6

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: 19.966 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

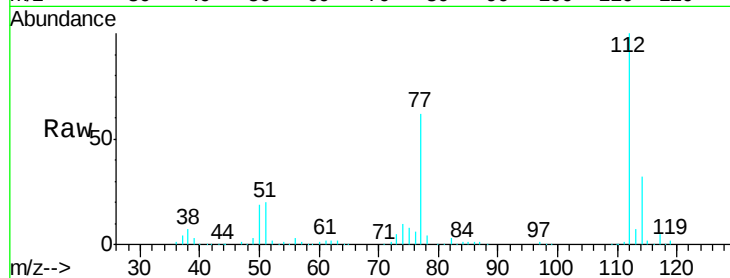
VX1004WBS01

Tgt Ion:112 Resp: 106055

Ion Ratio Lower Upper

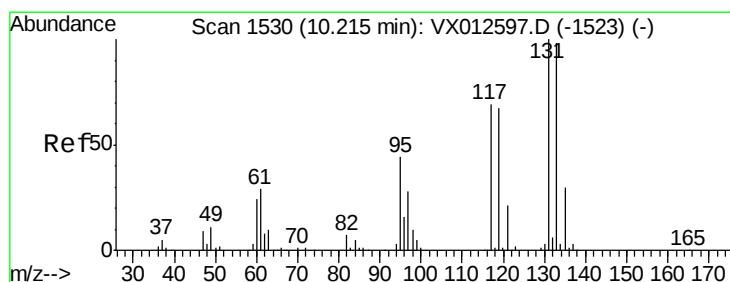
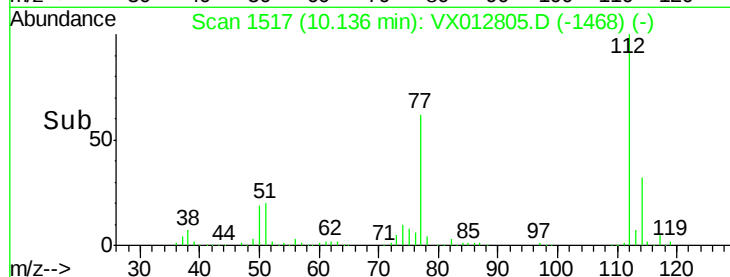
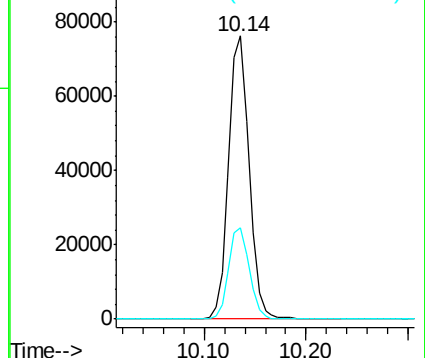
112 100

114 32.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.191 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

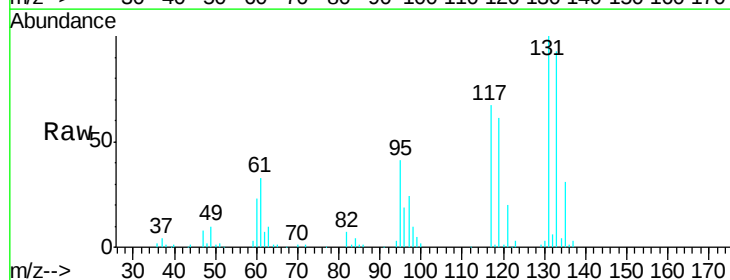
Tgt Ion:131 Resp: 38859

Ion Ratio Lower Upper

131 100

133 94.7 47.6 142.9

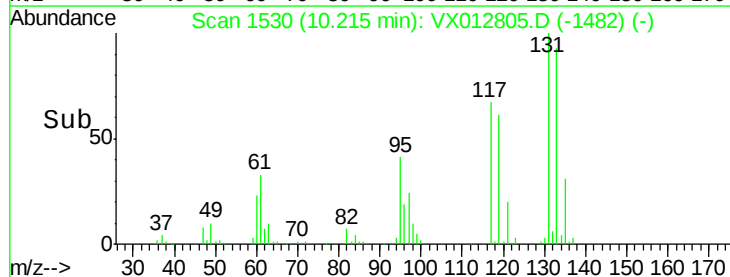
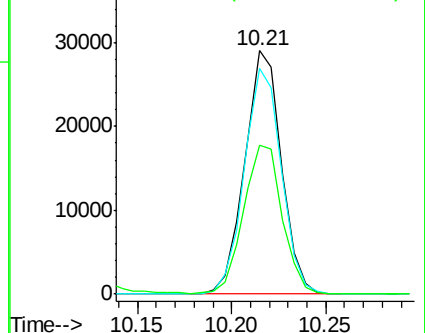
119 64.8 31.3 93.8

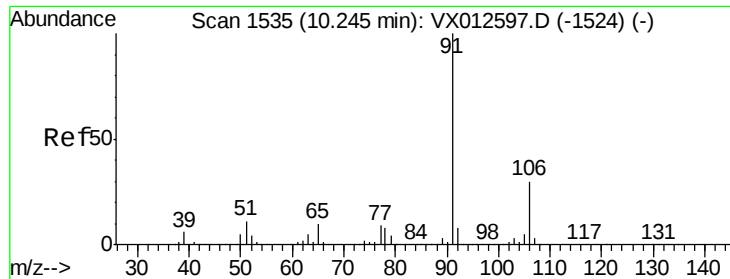


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

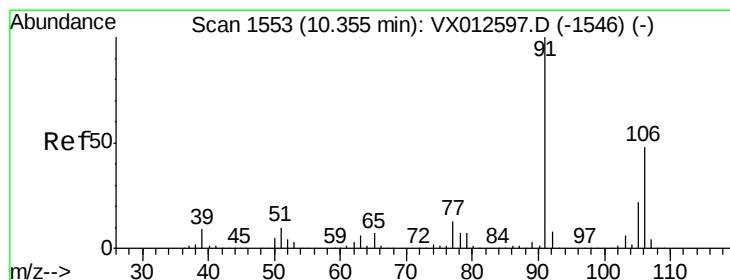
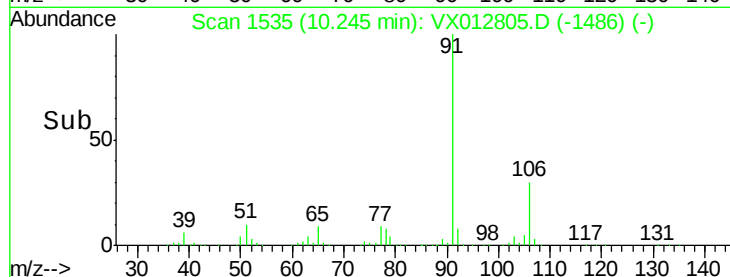
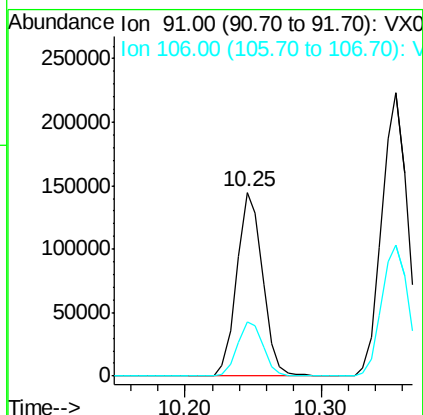
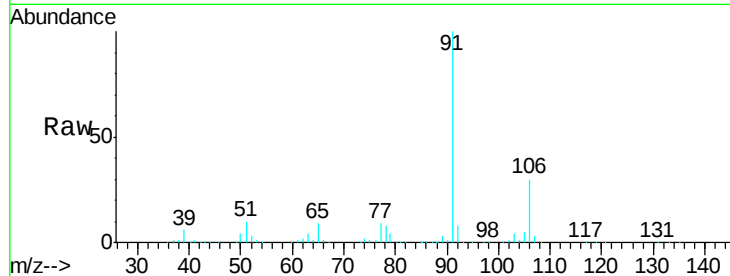




#67
Ethyl Benzene
Concen: 19.870 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

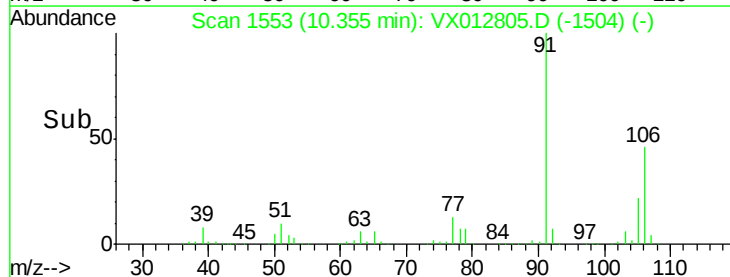
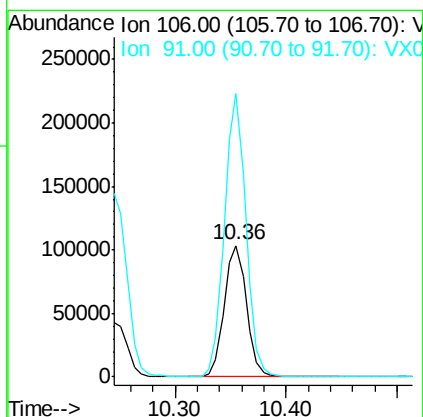
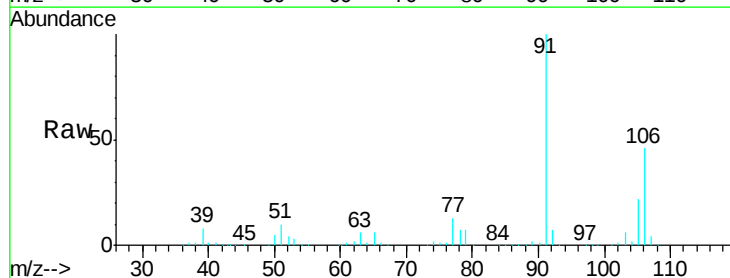
Instrument :
MSVOA_X
ClientSampled :
VX1004WBS01

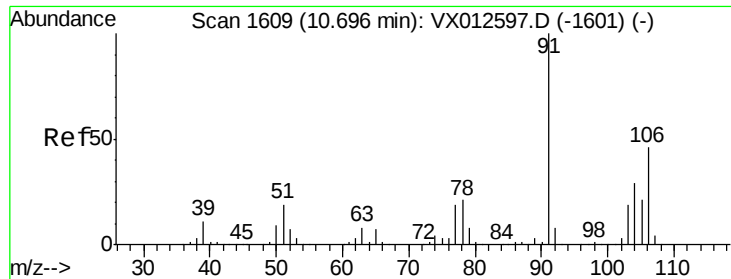
Tgt Ion: 91 Resp: 191436
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0



#68
m/p-Xylenes
Concen: 39.670 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion: 106 Resp: 143168
Ion Ratio Lower Upper
106 100
91 208.1 166.6 250.0

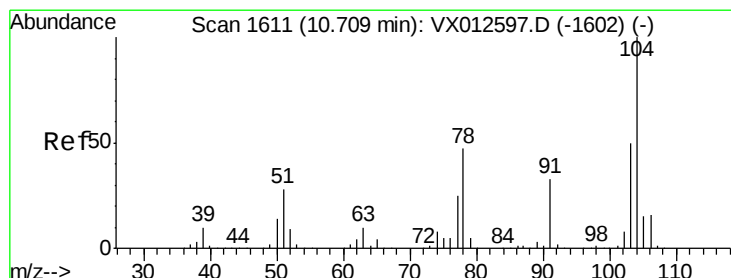
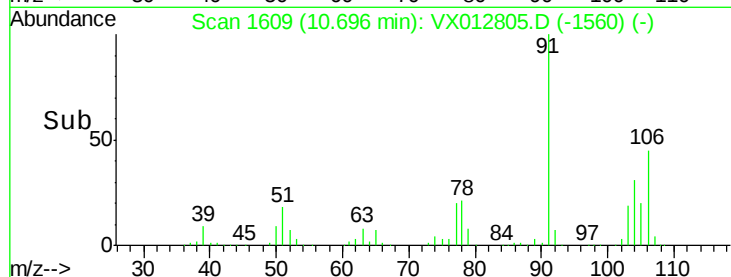
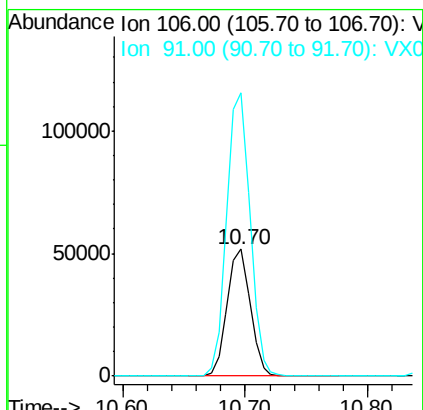
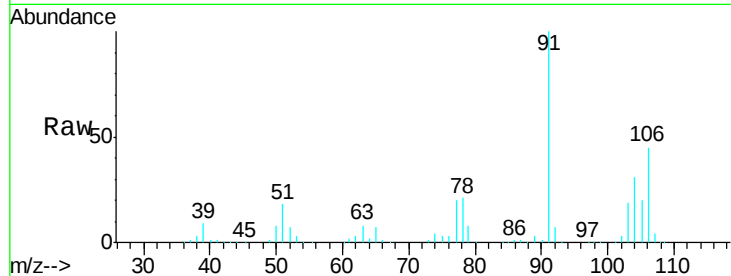




#69
o-Xylene
Concen: 19.500 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

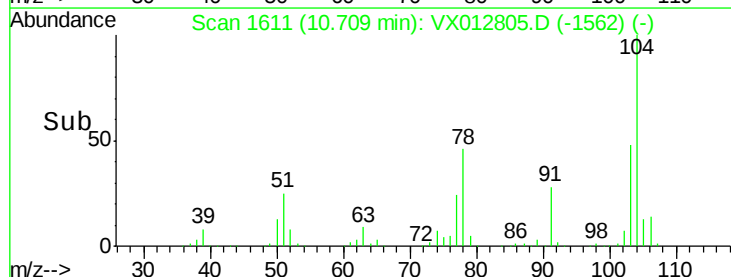
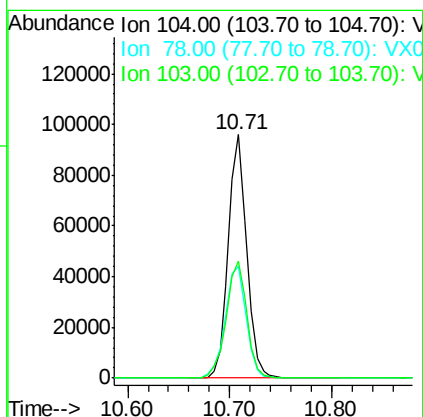
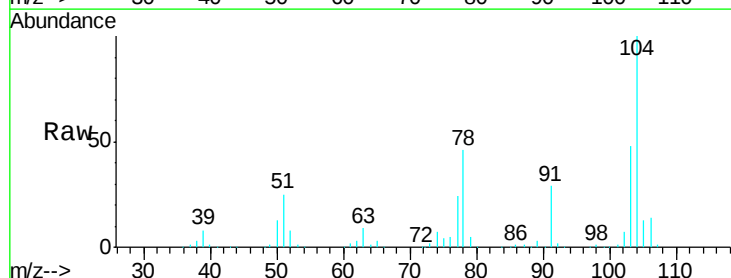
Instrument :
MSVOA_X
ClientSampled :
VX1004WBS01

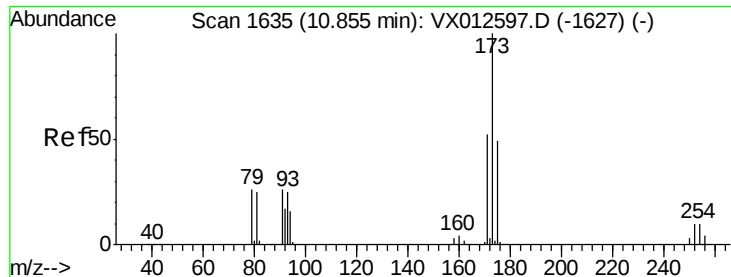
Tgt Ion:106 Resp: 68095
Ion Ratio Lower Upper
106 100
91 224.7 109.4 328.2



#70
Styrene
Concen: 20.448 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion:104 Resp: 119709
Ion Ratio Lower Upper
104 100
78 52.7 43.4 65.2
103 53.4 43.3 64.9





#71

Bromoform

Concen: 19.319 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

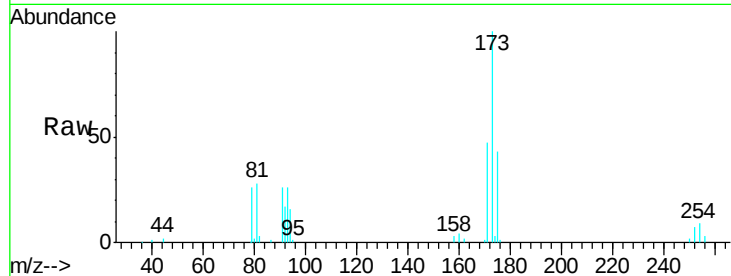
Tgt Ion:173 Resp: 25890

Ion Ratio Lower Upper

173 100

175 47.3 23.7 71.1

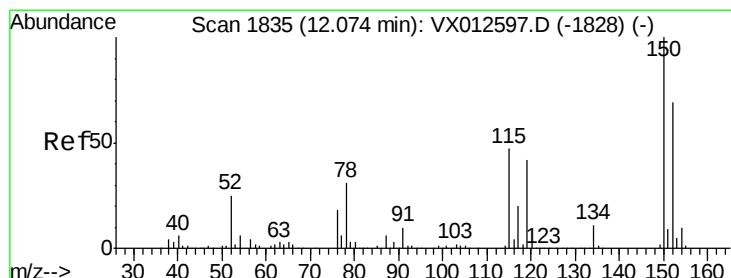
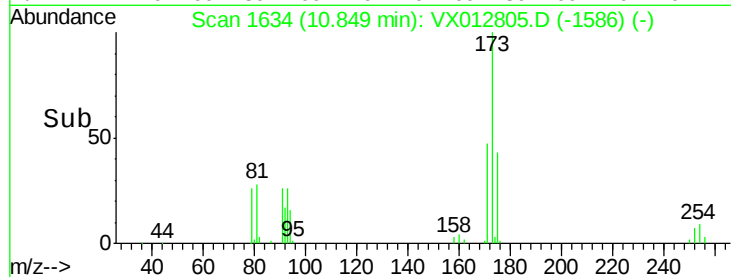
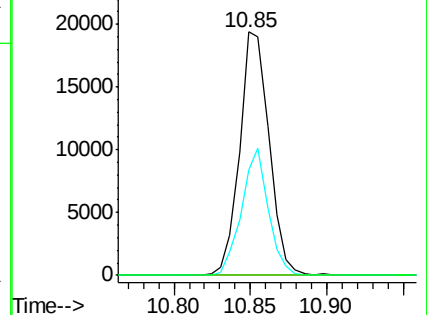
254 0.1 0.1 0.1#



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: VX012805.D

Acq: 04 Oct 2019 12:42

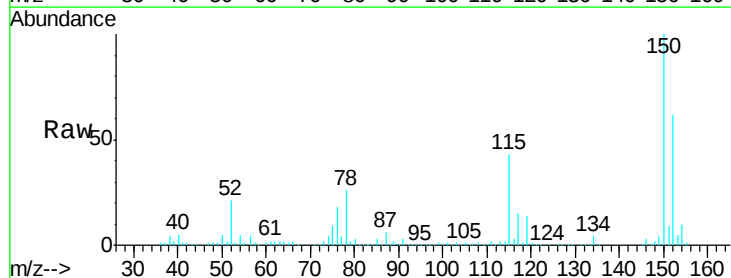
Tgt Ion:152 Resp: 115299

Ion Ratio Lower Upper

152 100

115 76.2 44.1 132.3

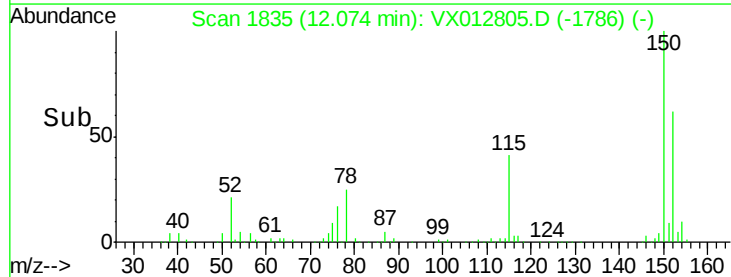
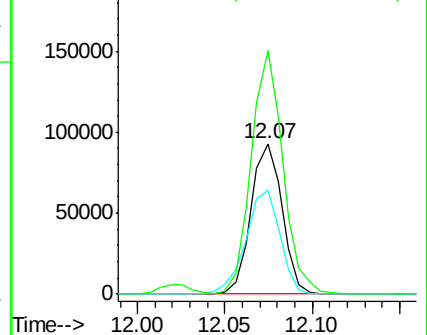
150 164.8 0.0 343.8

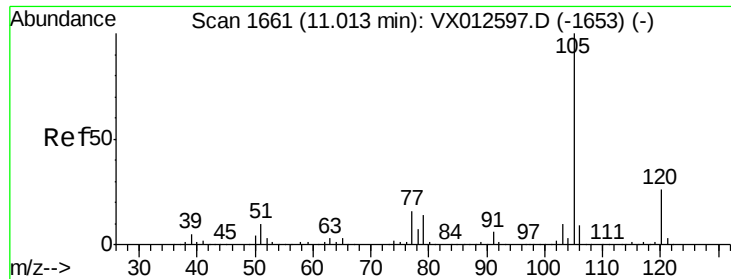


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.029 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

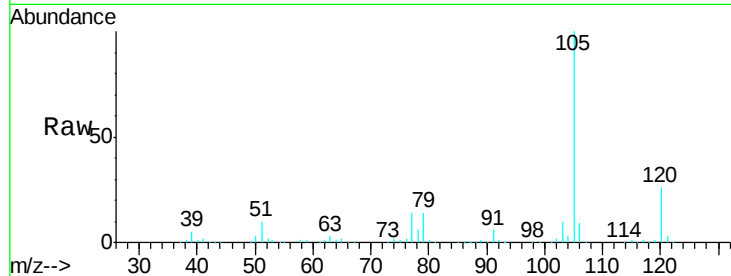
VX1004WBS01

Tgt Ion: 105 Resp: 188090

Ion Ratio Lower Upper

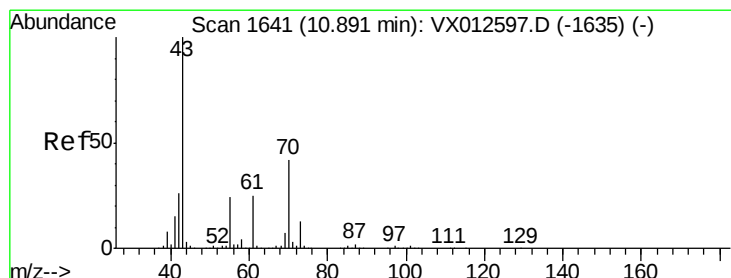
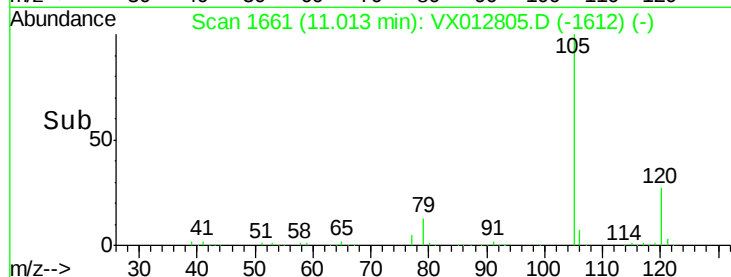
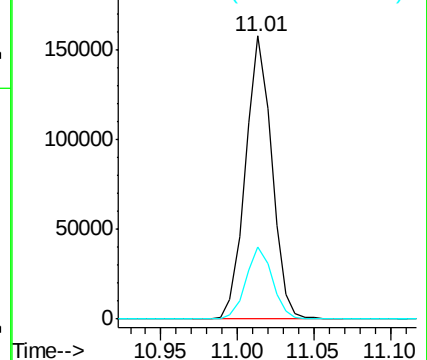
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.478 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Tgt Ion: 43 Resp: 78304

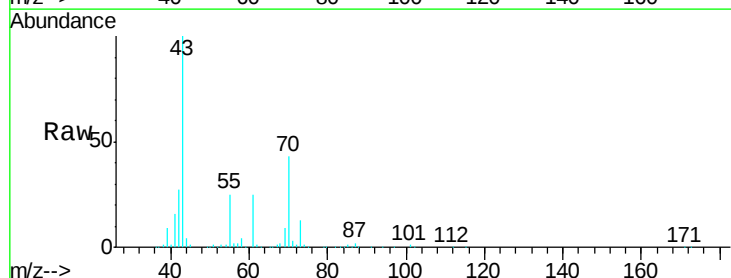
Ion Ratio Lower Upper

43 100

70 44.3 32.4 48.6

55 25.9 18.2 27.4

61 25.3 18.5 27.7

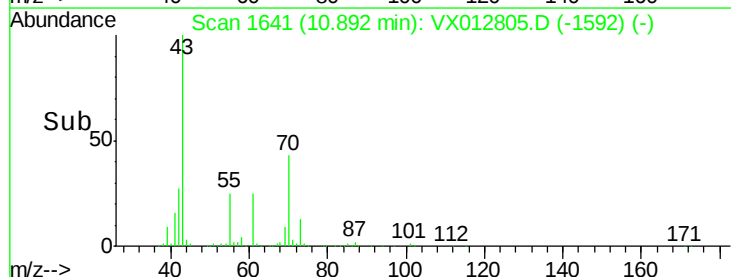
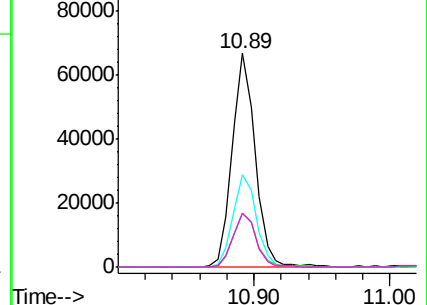


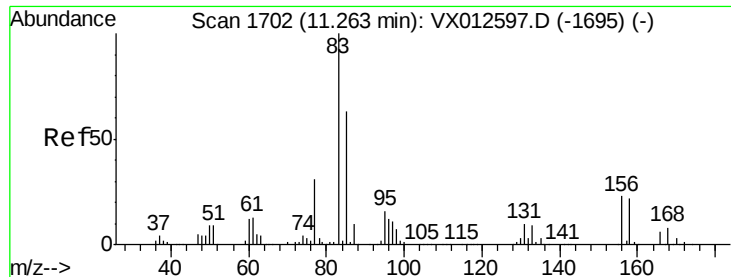
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.175 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS01

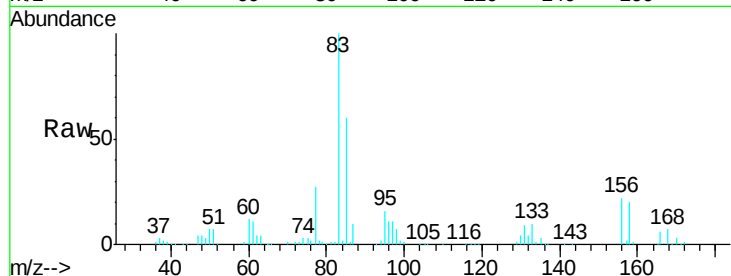
Tgt Ion: 83 Resp: 62745

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

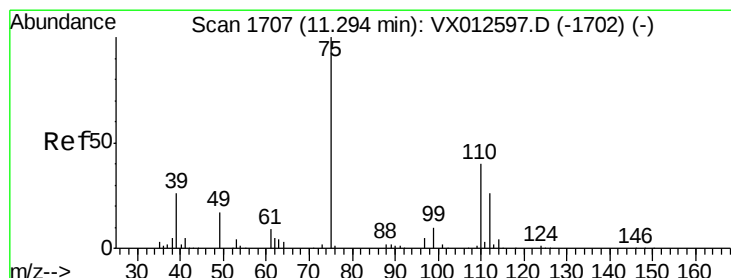
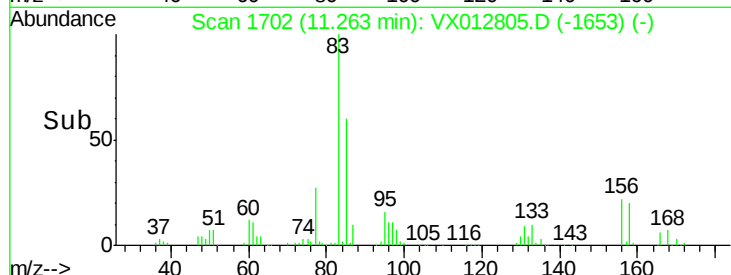
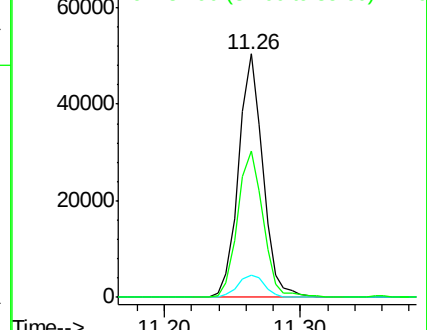
85 63.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.971 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012805.D

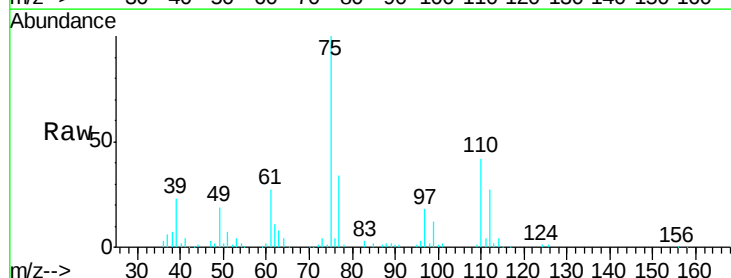
Acq: 04 Oct 2019 12:42

Tgt Ion: 75 Resp: 70061

Ion Ratio Lower Upper

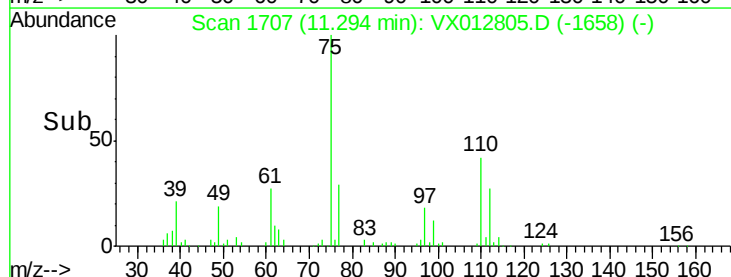
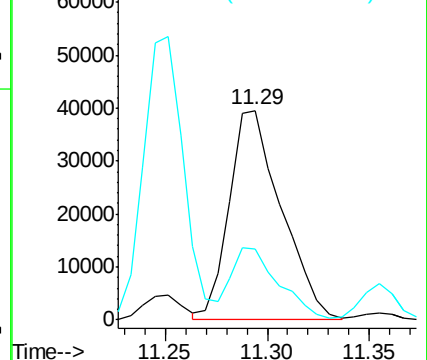
75 100

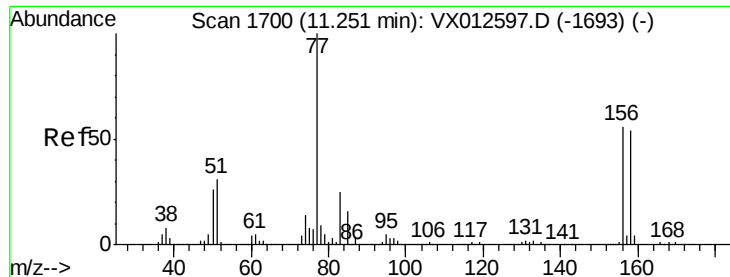
77 31.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.202 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

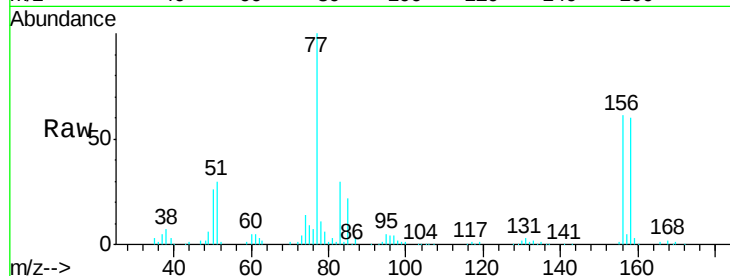
Tgt Ion:156 Resp: 42936

Ion Ratio Lower Upper

156 100

77 171.3 87.3 261.8

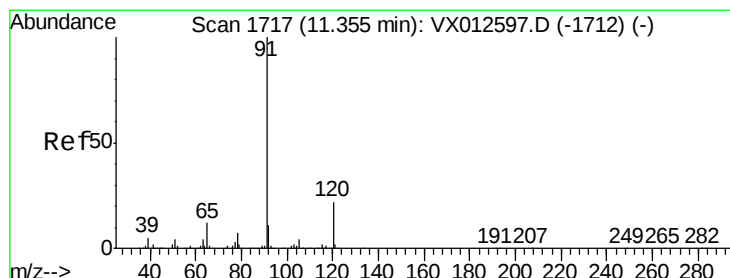
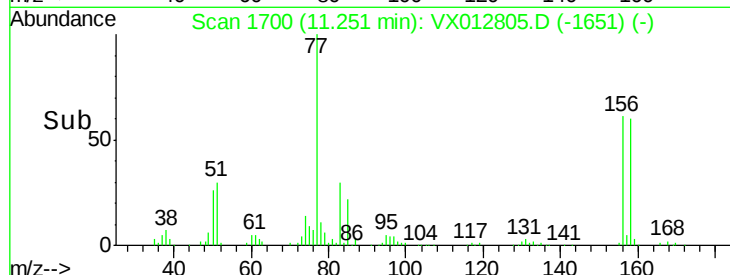
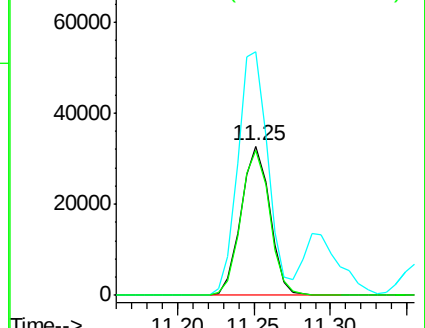
158 97.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.817 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012805.D

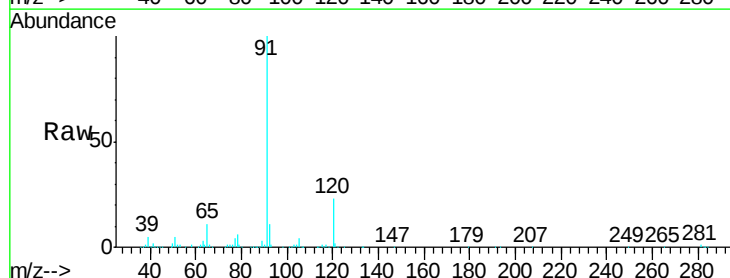
Acq: 04 Oct 2019 12:42

Tgt Ion: 91 Resp: 209509

Ion Ratio Lower Upper

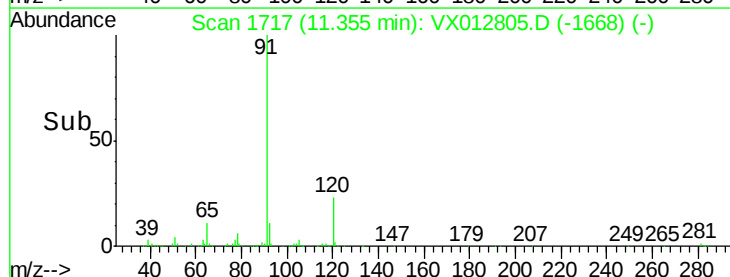
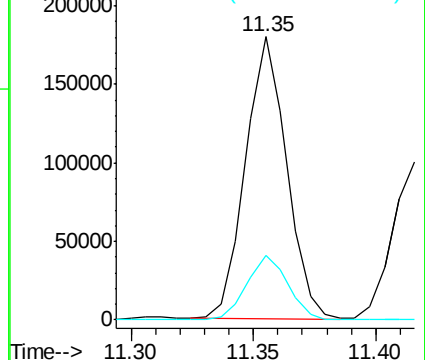
91 100

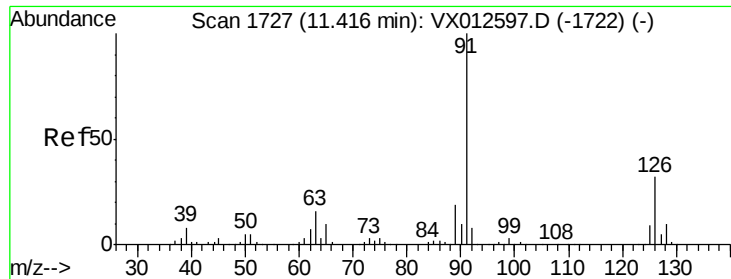
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

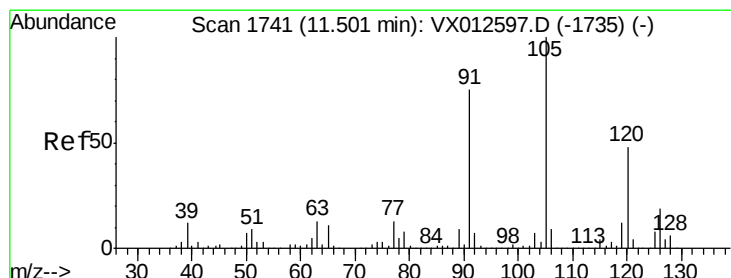
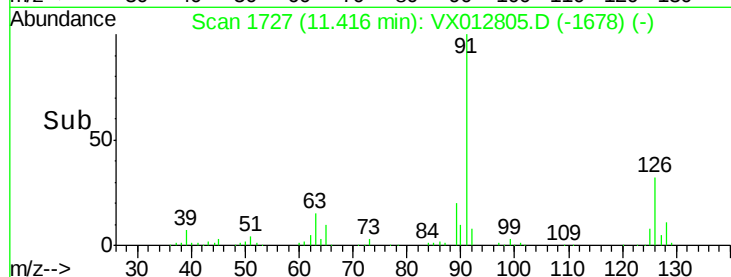
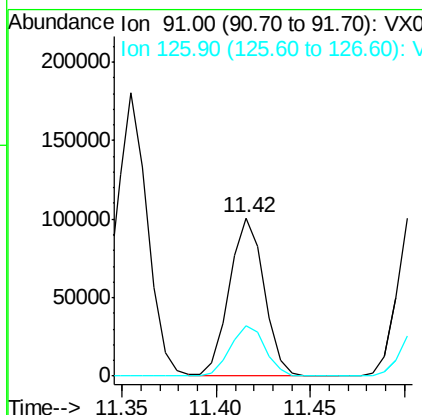
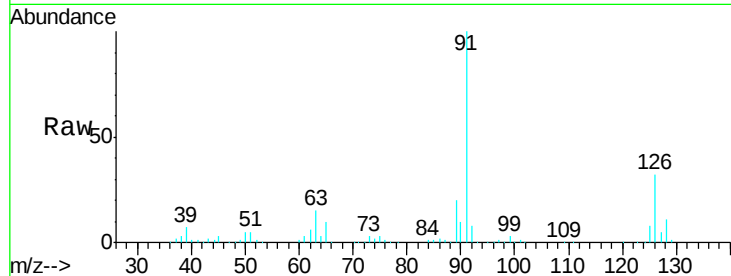




#79
 2-Chlorotoluene
 Concen: 19.382 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

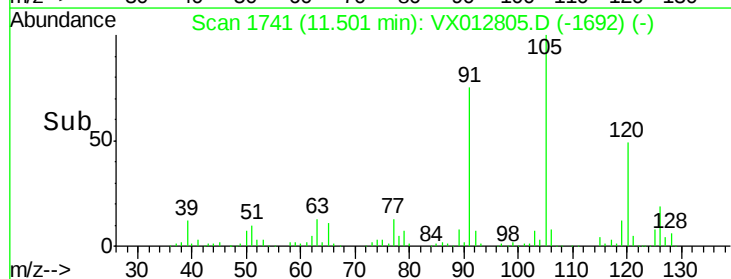
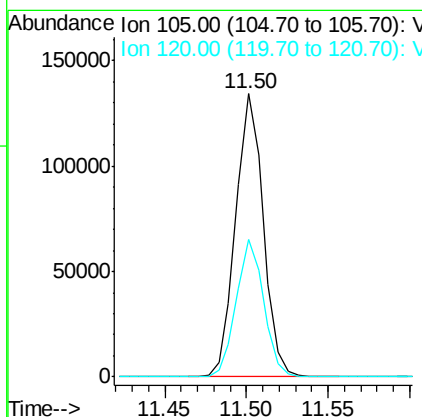
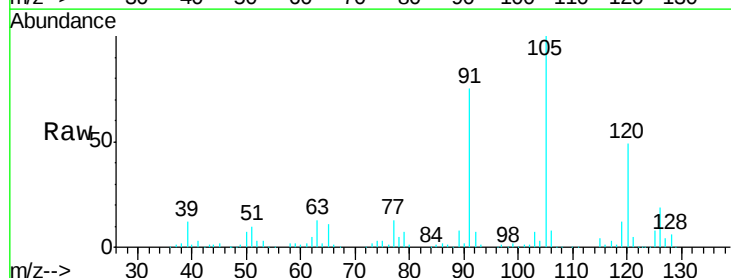
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

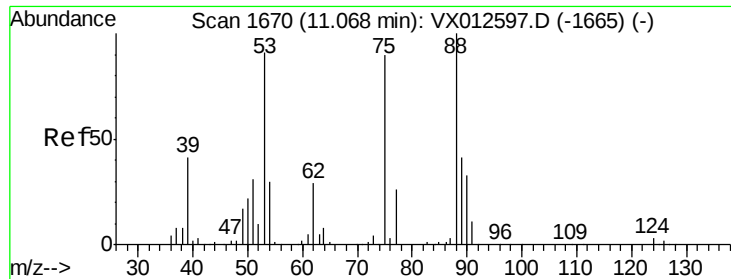
Tgt Ion: 91 Resp: 127830
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.097 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 105 Resp: 158263
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.917 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012805.D

Acq: 04 Oct 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

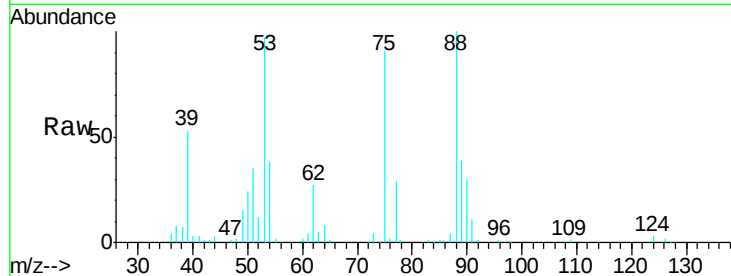
Tgt Ion: 75 Resp: 18004

Ion Ratio Lower Upper

75 100

53 108.4 83.6 125.4

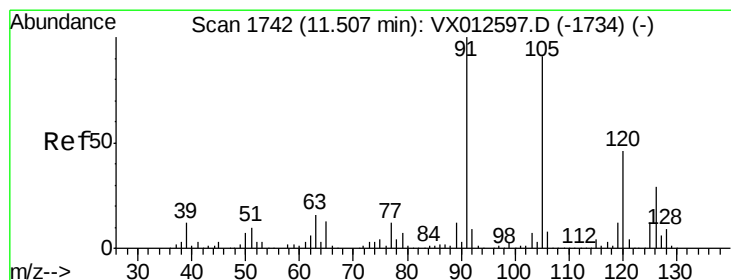
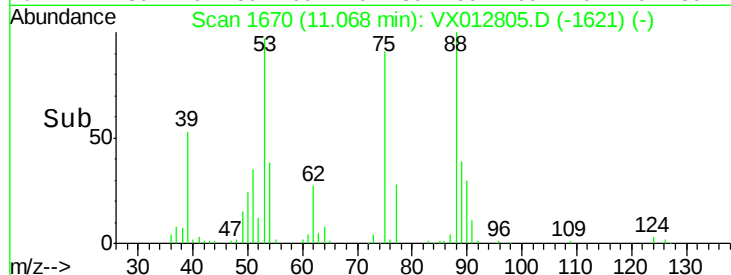
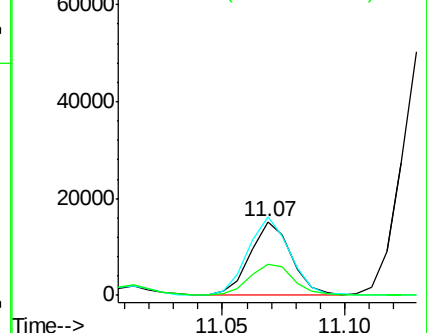
89 45.7 36.3 54.5



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: 19.238 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012805.D

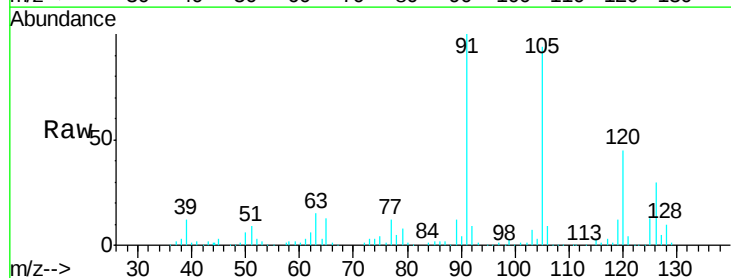
Acq: 04 Oct 2019 12:42

Tgt Ion: 91 Resp: 144638

Ion Ratio Lower Upper

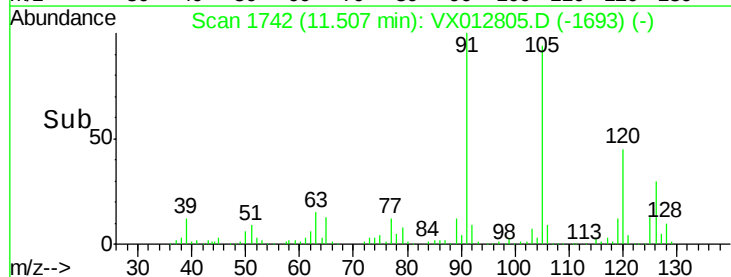
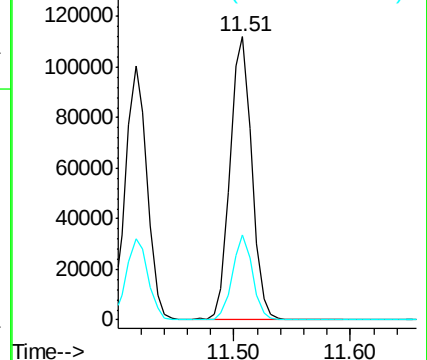
91 100

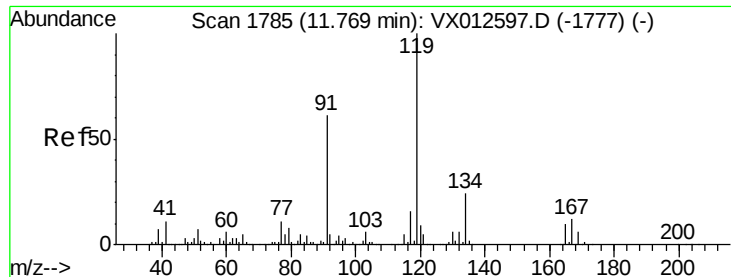
126 28.0 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

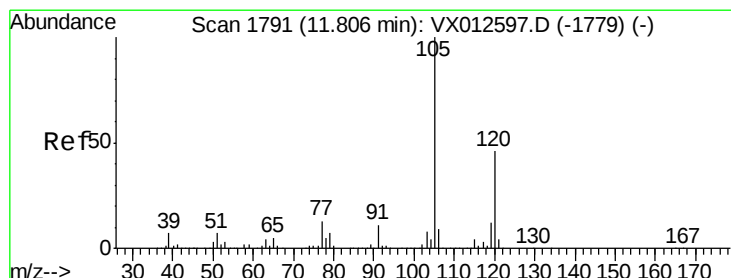
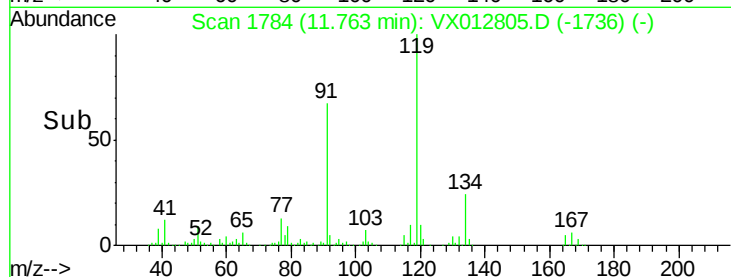
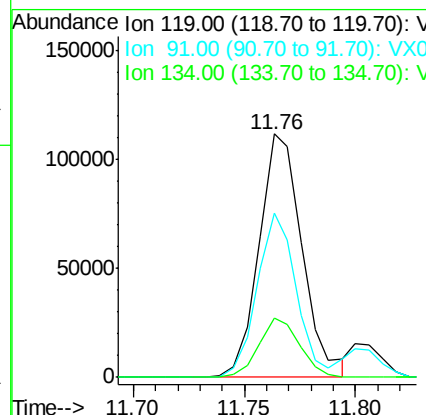
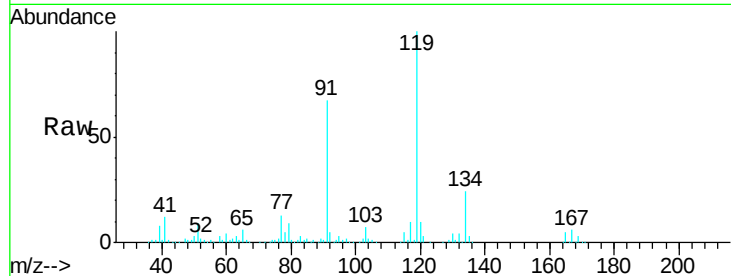




#83
 tert-Butylbenzene
 Concen: 19.817 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

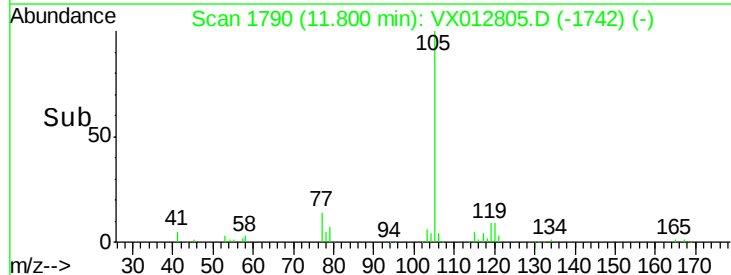
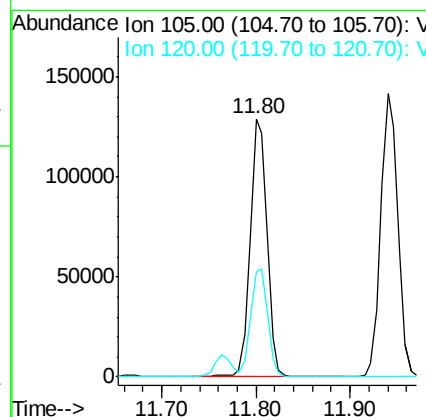
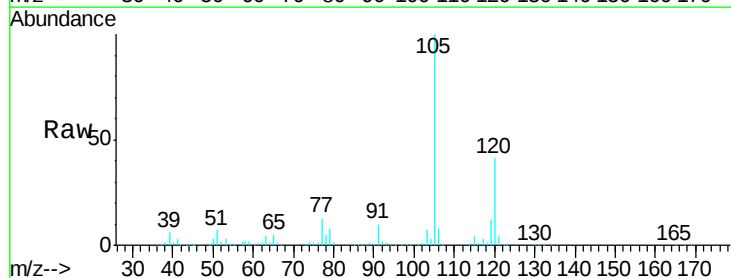
Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS01

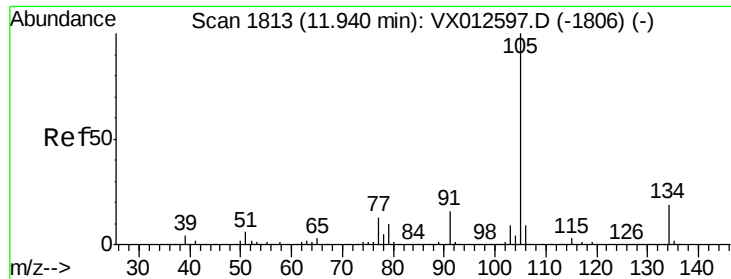
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.0	90.0
134	23.1	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.139 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.2	66.6

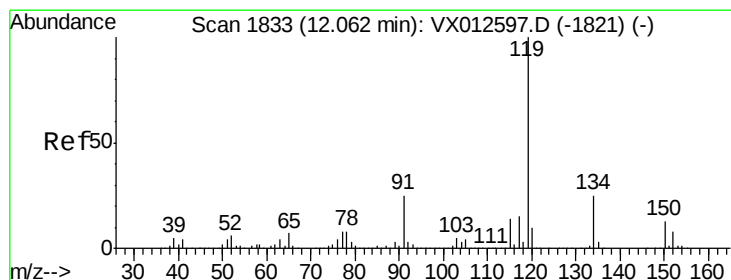
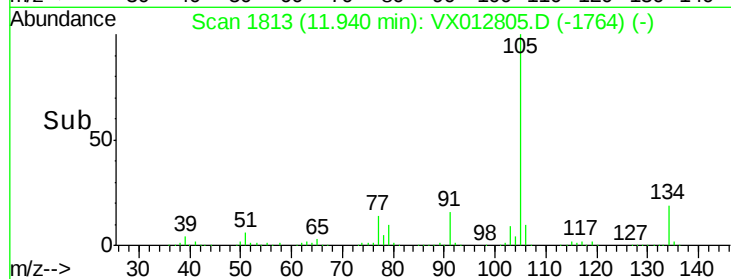
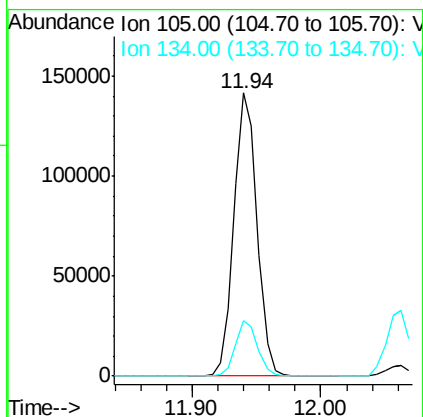
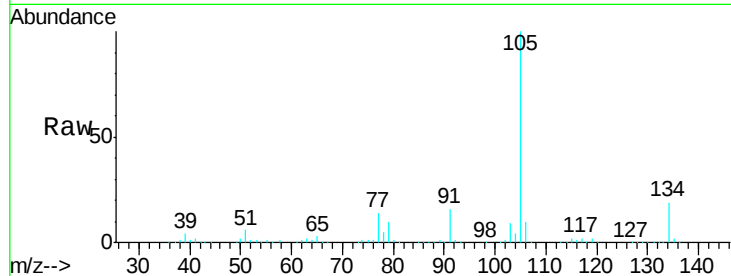




#85
 sec-Butylbenzene
 Concen: 20.062 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

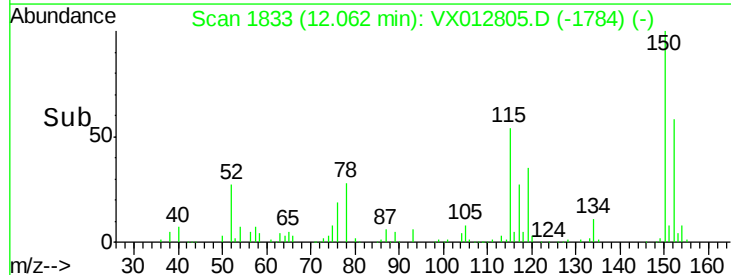
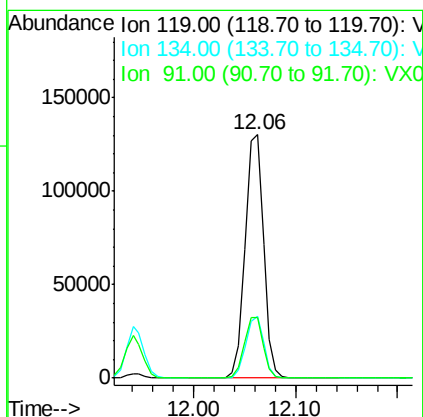
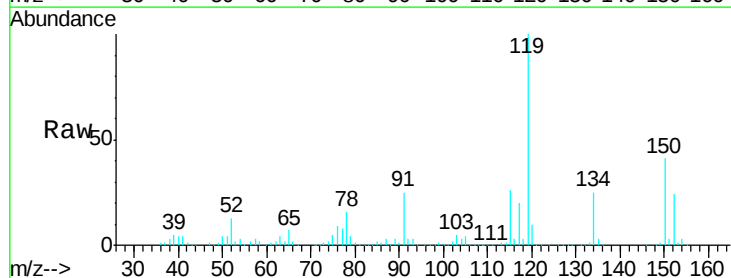
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

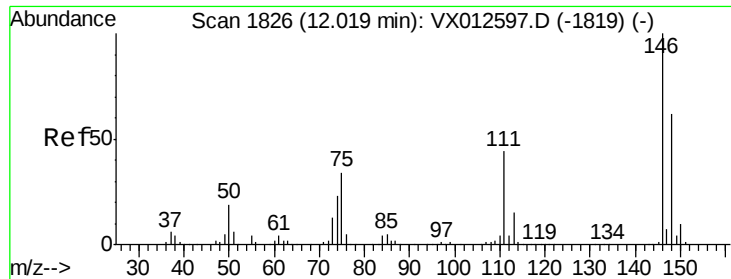
Tgt Ion:105 Resp: 177258
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.453 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion:119 Resp: 163060
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 25.5 12.8 38.4

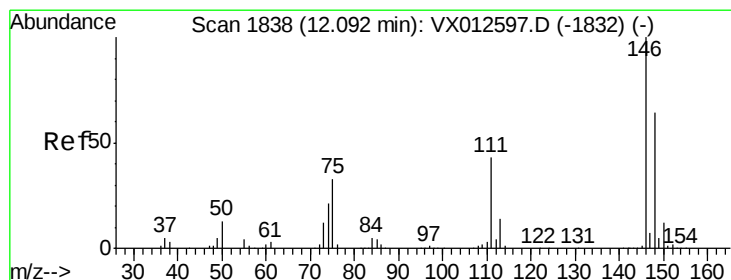
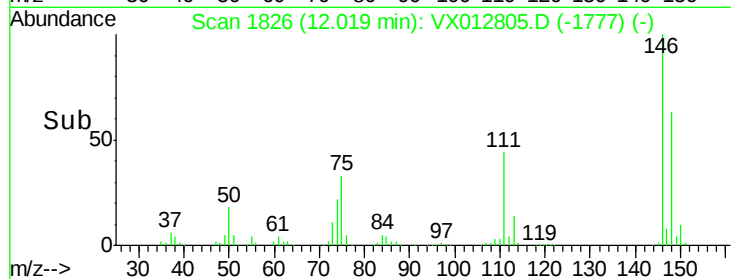
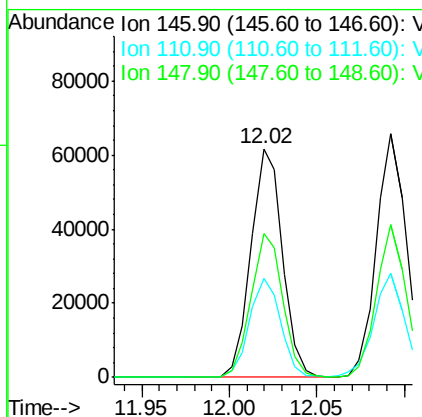
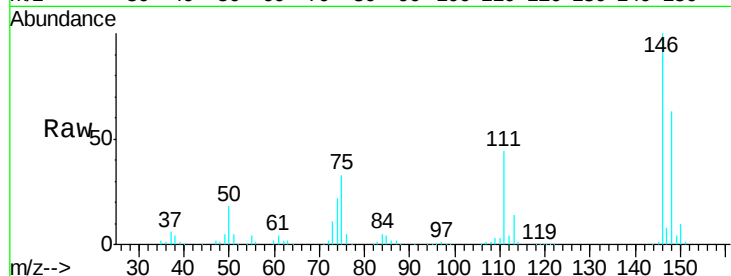




#87
 1,3-Dichlorobenzene
 Concen: 20.333 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

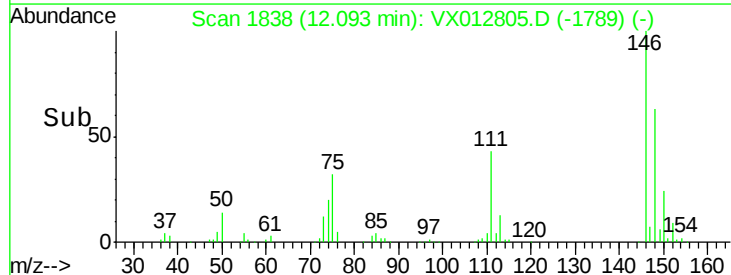
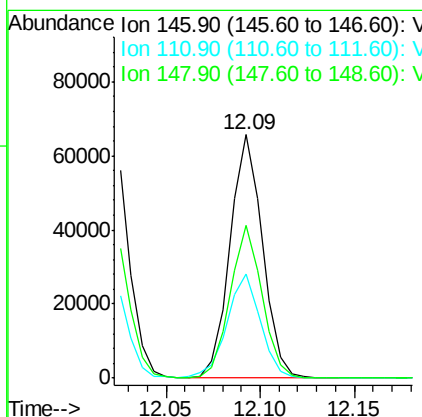
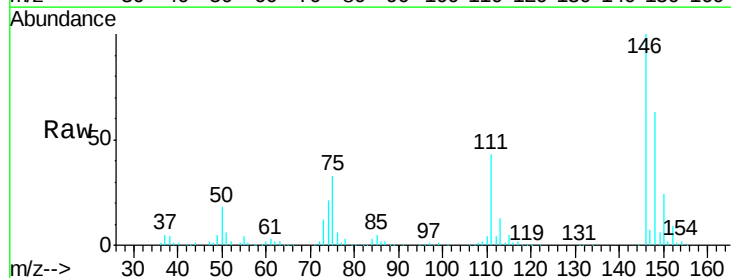
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

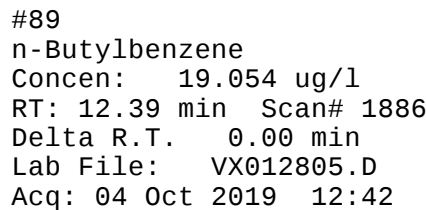
Tgt Ion:146 Resp: 77771
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.3 64.0
 148 63.4 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 20.318 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

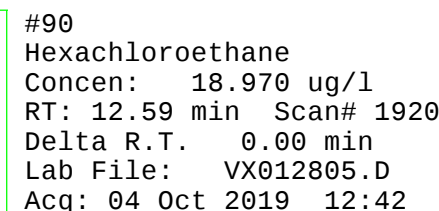
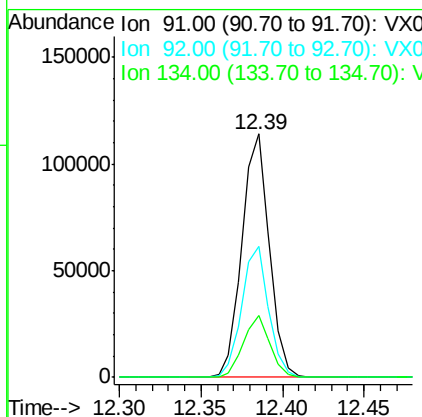
Tgt Ion:146 Resp: 78527
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.1 63.3
 148 61.8 32.1 96.5



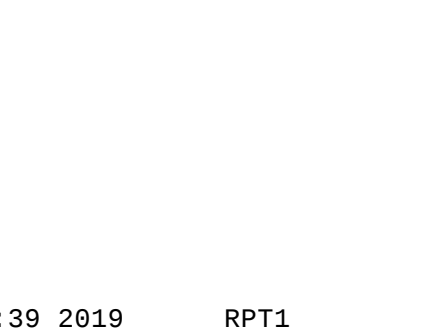
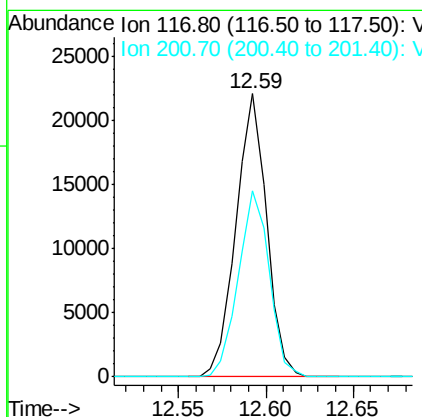


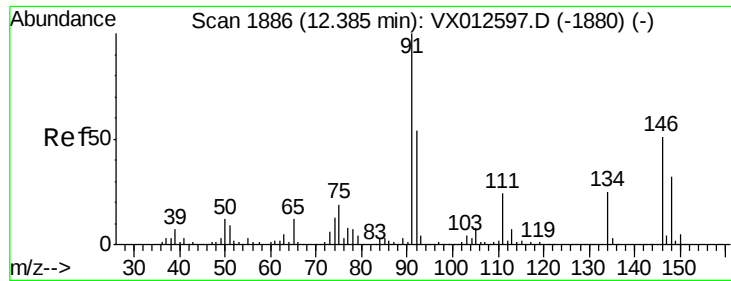
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt	Ion: 91	Resp:	133855
Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.7	83.0
134	24.6	12.9	38.6



Tgt	Ion:117	Resp:	26962
Ion	Ratio	Lower	Upper
117	100		
201	66.5	33.3	99.8

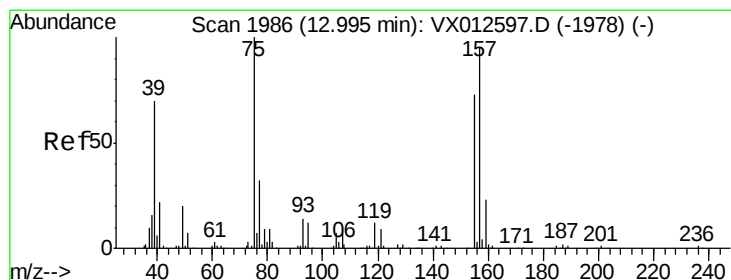
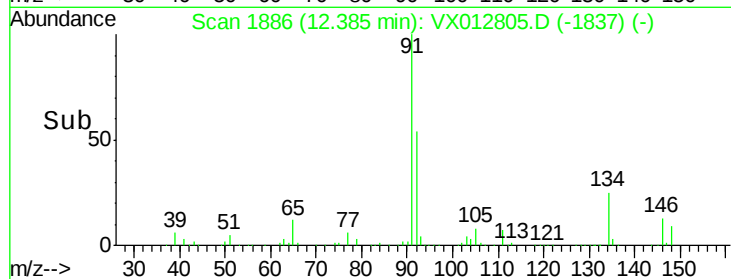
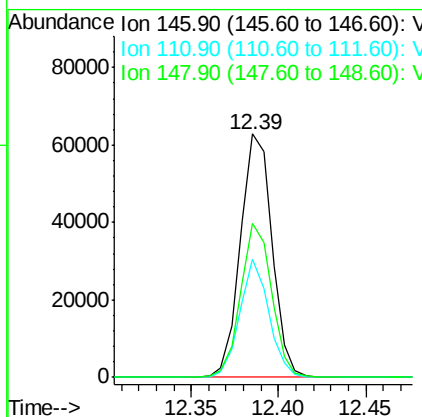
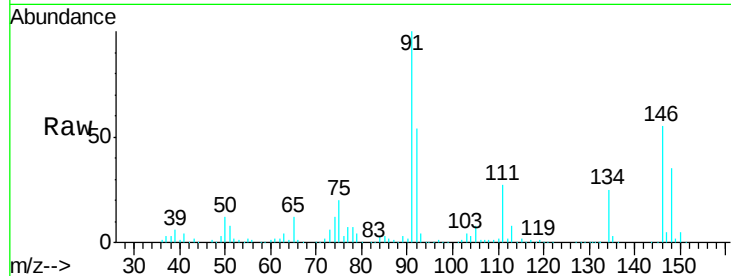




#91
 1,2-Dichlorobenzene
 Concen: 20.777 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

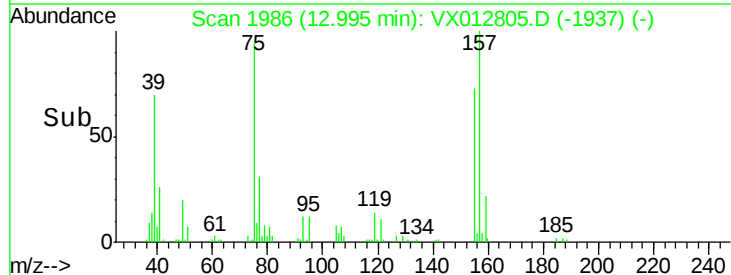
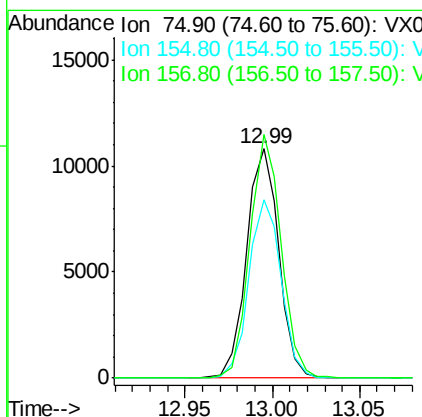
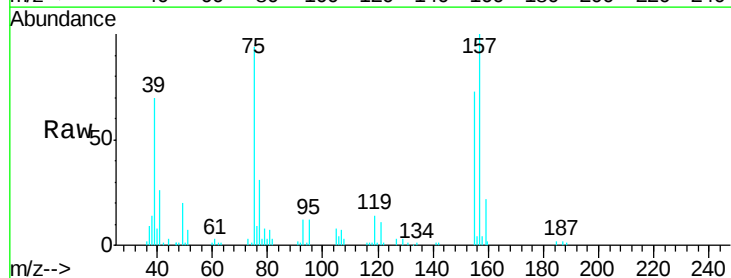
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

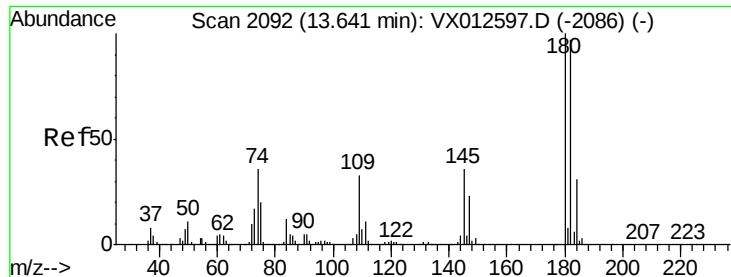
Tgt Ion: 146 Resp: 79559
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.1 66.1
 148 61.8 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.787 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion: 75 Resp: 13838
 Ion Ratio Lower Upper
 75 100
 155 78.3 38.6 115.8
 157 103.2 50.6 151.9

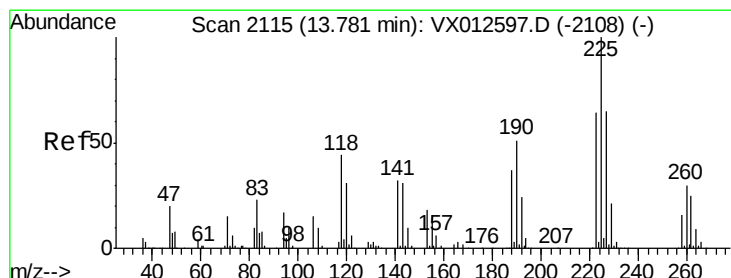
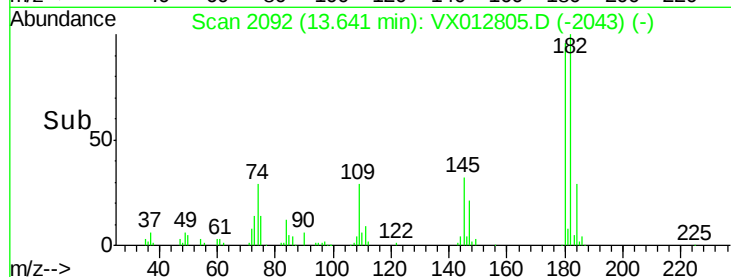
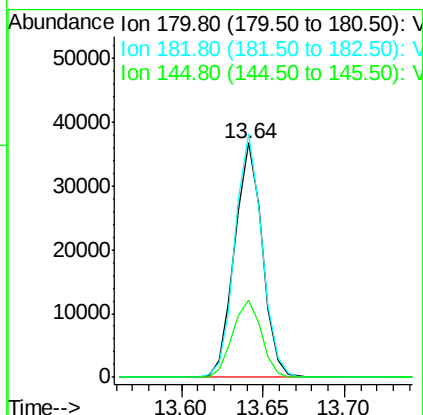
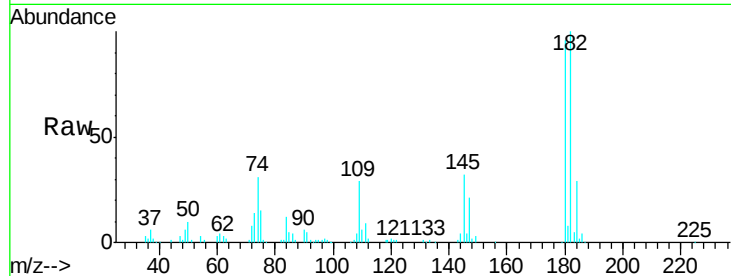




#93
 1,2,4-Trichlorobenzene
 Concen: 18.581 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

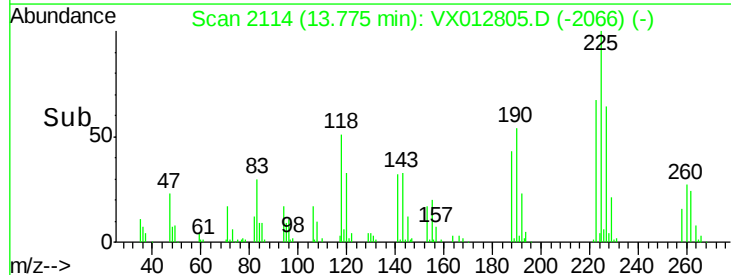
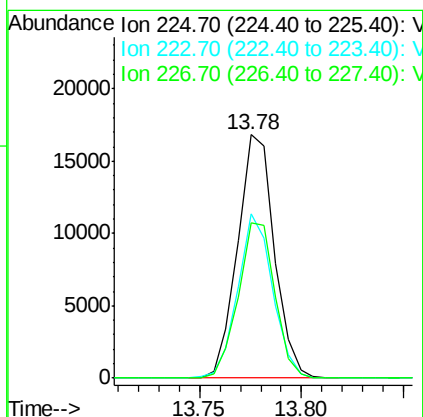
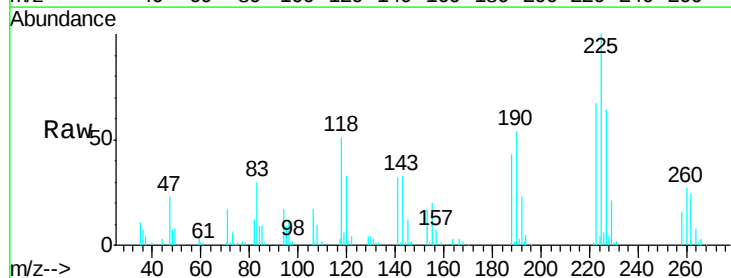
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

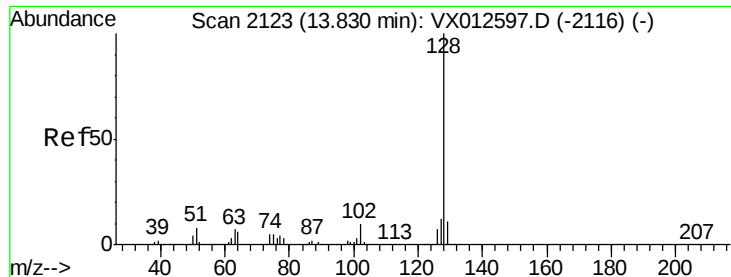
Tgt Ion:180 Resp: 43391
 Ion Ratio Lower Upper
 180 100
 182 101.6 47.0 141.0
 145 34.2 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 20.941 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012805.D
 Acq: 04 Oct 2019 12:42

Tgt Ion:225 Resp: 21038
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.0 96.2
 227 63.6 31.9 95.5

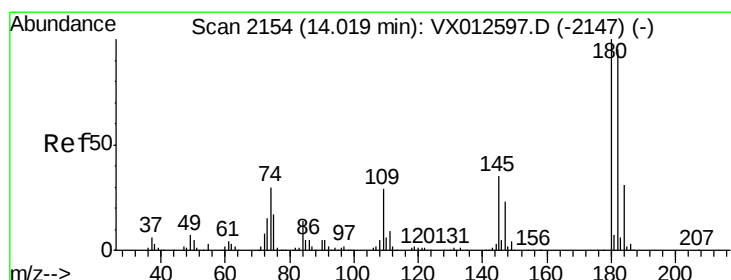
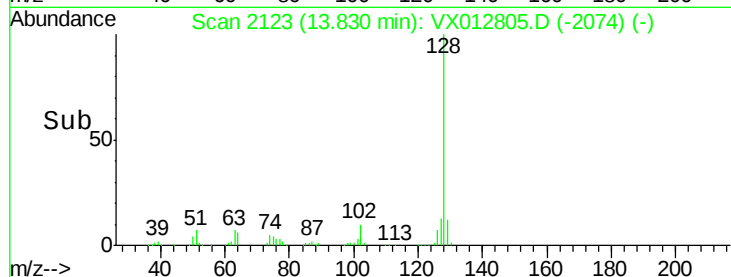
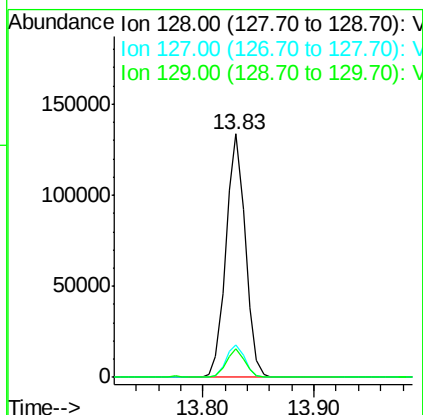
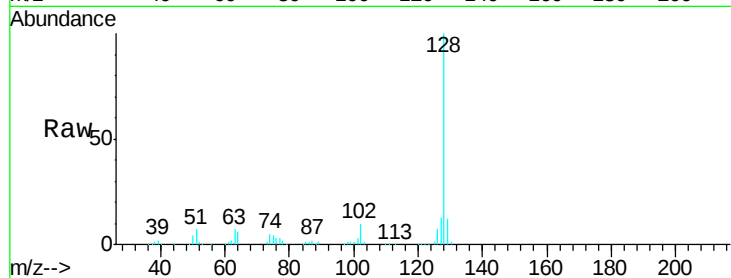




#95
Naphthalene
Concen: 19.024 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion:128 Resp: 160735
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.523 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012805.D
Acq: 04 Oct 2019 12:42

Tgt Ion:180 Resp: 45670
Ion Ratio Lower Upper
180 100
182 97.1 47.1 141.3
145 36.7 18.0 54.0

