

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
 Data File : VX012623.D
 Acq On : 24 Sep 2019 11:26
 Operator : JC/SP
 Sample : VX0924WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Quant Time: Sep 25 04:33:35 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	183759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	333733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126686	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	133396	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	5.49	113	97564	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.71	98	367711	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	139403	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	37060	17.927	ug/l	100
3) Chloromethane	1.32	50	44269	18.649	ug/l	96
4) Vinyl Chloride	1.40	62	43541	18.454	ug/l	97
5) Bromomethane	1.63	94	21358	23.023	ug/l	99
6) Chloroethane	1.72	64	27952	17.573	ug/l	100
7) Trichlorofluoromethane	1.92	101	61779	18.649	ug/l	95
8) Diethyl Ether	2.18	74	24147	17.787	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37969	18.818	ug/l	96
10) Methyl Iodide	2.50	142	33338	19.083	ug/l	95
11) Tert butyl alcohol	3.03	59	67648	101.201	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37463	18.962	ug/l	92
13) Acrolein	2.28	56	29656	86.614	ug/l	97
14) Allyl chloride	2.72	41	73717	18.806	ug/l	98
15) Acrylonitrile	3.14	53	131958	97.303	ug/l	99
16) Acetone	2.44	43	137643	97.112	ug/l	99
17) Carbon Disulfide	2.56	76	95848	17.305	ug/l	99
18) Methyl Acetate	2.76	43	63705	19.088	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	142897	19.108	ug/l	97
20) Methylene Chloride	2.85	84	43026	17.948	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	40140	18.338	ug/l	95
22) Diisopropyl ether	3.84	45	145233	19.175	ug/l #	88
23) Vinyl Acetate	3.81	43	637241	95.938	ug/l	98
24) 1,1-Dichloroethane	3.69	63	77598	18.847	ug/l	98
25) 2-Butanone	4.66	43	196266	96.574	ug/l	96
26) 2,2-Dichloropropane	4.57	77	67139	18.335	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	47239	18.600	ug/l	96
28) Bromochloromethane	5.01	49	29567	19.778	ug/l	100
29) Tetrahydrofuran	5.12	42	120586	97.350	ug/l	99
30) Chloroform	5.20	83	79462	18.865	ug/l	95
31) Cyclohexane	5.57	56	70403	18.902	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	70149	18.791	ug/l	99
36) 1,1-Dichloropropene	5.79	75	57615	17.911	ug/l	99
37) Ethyl Acetate	4.83	43	70207	18.668	ug/l	98
38) Carbon Tetrachloride	5.78	117	58961	18.043	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0924WBS01

Quant Time: Sep 25 04:33:35 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)
39) Methylcyclohexane	7.46	83	68635	17.723	ug/l	95
40) Benzene	6.14	78	173704	18.353	ug/l	98
41) Methacrylonitrile	5.03	41	38946	18.457	ug/l	97
42) 1,2-Dichloroethane	6.18	62	67814	18.868	ug/l	100
43) Isopropyl Acetate	6.43	43	114828	18.258	ug/l	99
44) Trichloroethene	7.21	130	43724	18.070	ug/l	98
45) 1,2-Dichloropropane	7.51	63	44810	18.492	ug/l	94
46) Dibromomethane	7.65	93	29704	18.004	ug/l	97
47) Bromodichloromethane	7.89	83	58089	17.616	ug/l	95
48) Methyl methacrylate	7.76	41	54784	18.166	ug/l	96
49) 1,4-Dioxane	7.73	88	25849	377.906	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	359909	92.706	ug/l	97
52) Toluene	8.78	92	108890	18.305	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64565	17.697	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	70395	17.672	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	43640	18.452	ug/l	98
56) Ethyl methacrylate	9.17	69	71098	17.894	ug/l	95
57) 1,3-Dichloropropane	9.37	76	77121	18.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	173571	97.321	ug/l	99
59) 2-Hexanone	9.49	43	279522	94.064	ug/l	96
60) Dibromochloromethane	9.57	129	42777	17.868	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45008	18.286	ug/l	97
64) Tetrachloroethene	9.33	164	39065	19.037	ug/l	94
65) Chlorobenzene	10.14	112	110840	17.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	41312	18.397	ug/l	97
67) Ethyl Benzene	10.25	91	205260	18.260	ug/l	97
68) m/p-Xylenes	10.35	106	152989	36.332	ug/l	98
69) o-Xylene	10.70	106	73825	18.119	ug/l	97
70) Styrene	10.71	104	125946	18.438	ug/l	100
71) Bromoform	10.85	173	28029	17.926	ug/l #	98
73) Isopropylbenzene	11.01	105	200143	19.397	ug/l	100
74) N-amyl acetate	10.89	43	91302	18.548	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	68830	20.142	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77409	23.099	ug/l	88
77) Bromobenzene	11.25	156	44609	19.102	ug/l	96
78) n-propylbenzene	11.35	91	219133	18.864	ug/l	99
79) 2-Chlorotoluene	11.42	91	135744	18.732	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	166831	19.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20602	17.618	ug/l	97
82) 4-Chlorotoluene	11.51	91	157387	19.052	ug/l	99
83) tert-Butylbenzene	11.77	119	157448	18.864	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	169662	19.437	ug/l	98
85) sec-Butylbenzene	11.94	105	187047	19.267	ug/l	100
86) p-Isopropyltoluene	12.06	119	168754	19.265	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	79283	18.865	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	78288	18.435	ug/l	99
89) n-Butylbenzene	12.38	91	140983	18.264	ug/l	99
90) Hexachloroethane	12.59	117	28247	18.087	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	80093	19.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16612	19.434	ug/l	94

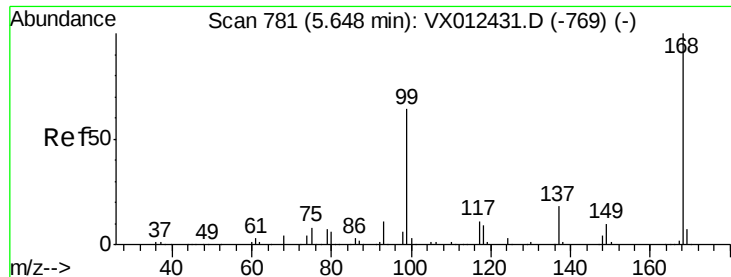
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012623.D
Acq On : 24 Sep 2019 11:26
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Quant Time: Sep 25 04:33:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45883	17.882	ug/l	98
94) Hexachlorobutadiene	13.78	225	21463	19.444	ug/l	96
95) Naphthalene	13.83	128	178618	19.240	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48082	18.707	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

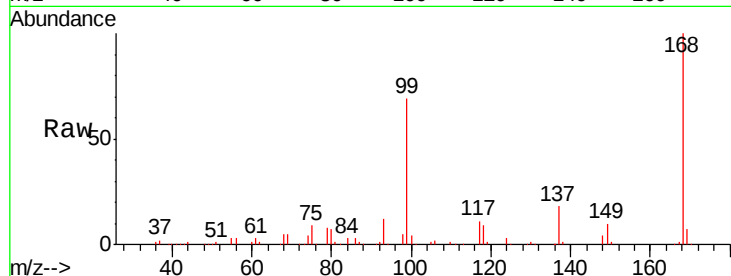
VX0924WBS01

Tgt Ion:168 Resp: 183759

Ion Ratio Lower Upper

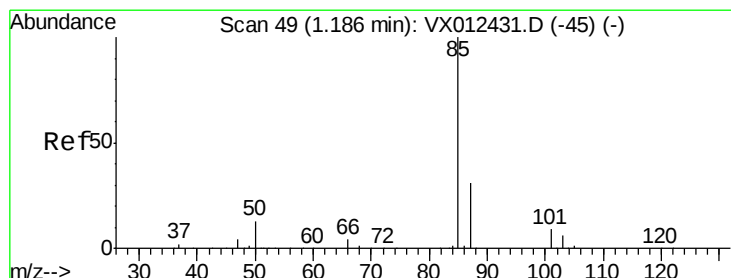
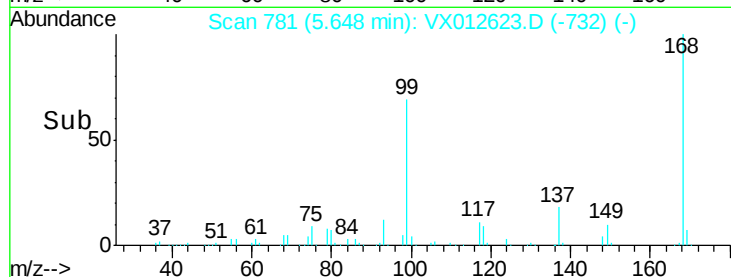
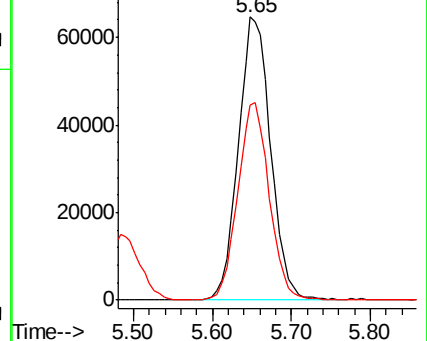
168 100

99 68.8 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: 17.927 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012623.D

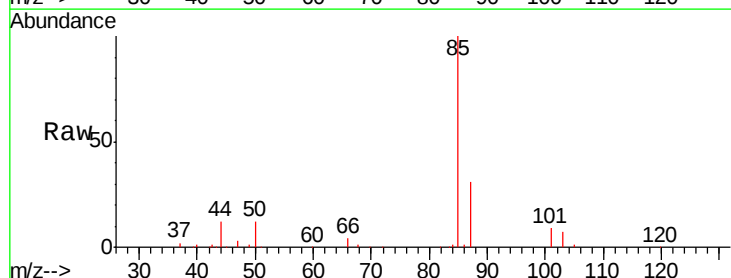
Acq: 24 Sep 2019 11:26

Tgt Ion: 85 Resp: 37060

Ion Ratio Lower Upper

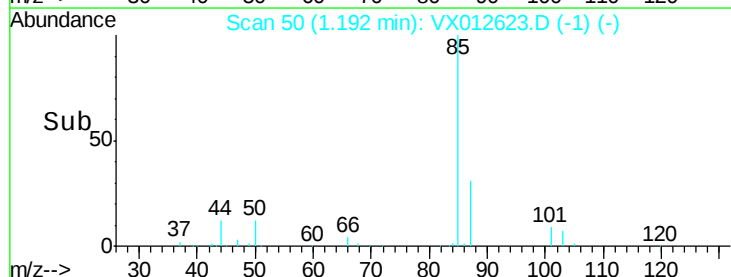
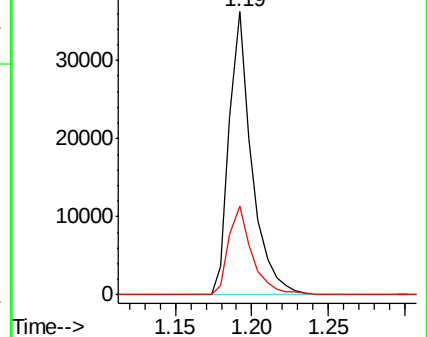
85 100

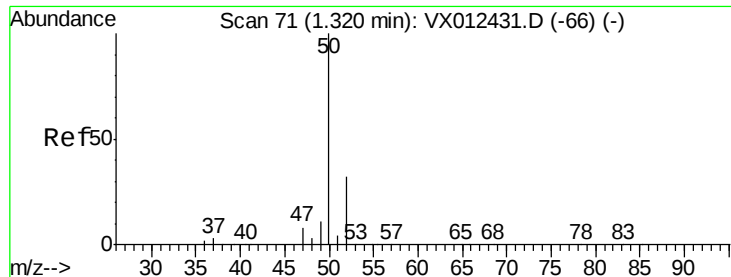
87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.649 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

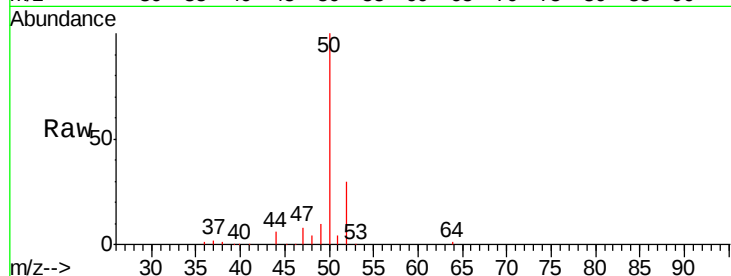
VX0924WBS01

Tgt Ion: 50 Resp: 44269

Ion Ratio Lower Upper

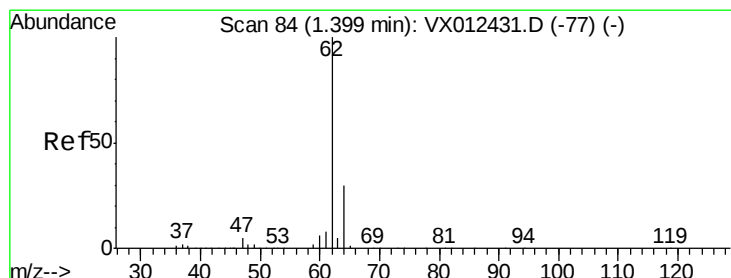
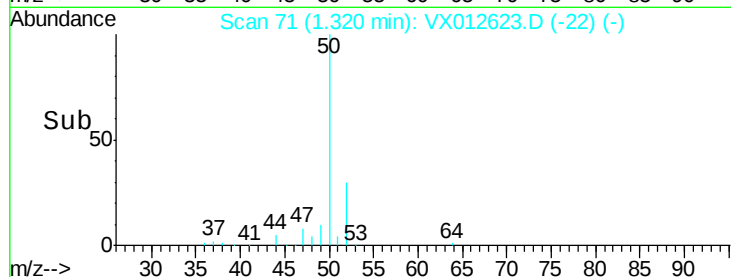
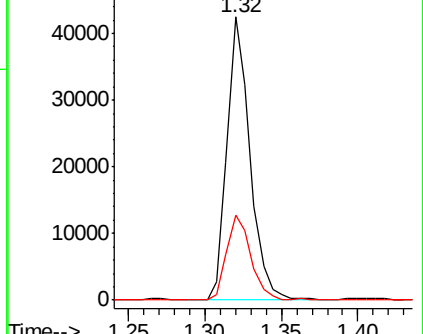
50 100

52 29.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.454 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012623.D

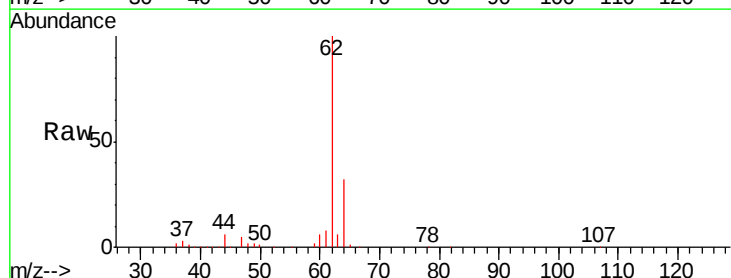
Acq: 24 Sep 2019 11:26

Tgt Ion: 62 Resp: 43541

Ion Ratio Lower Upper

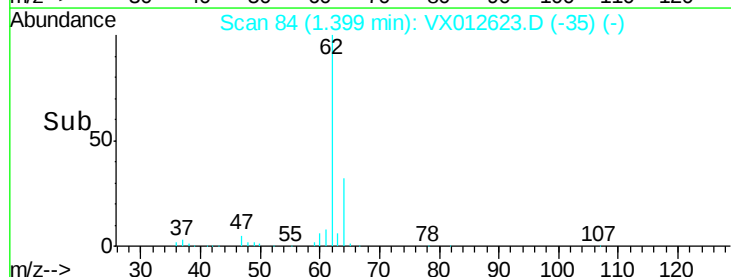
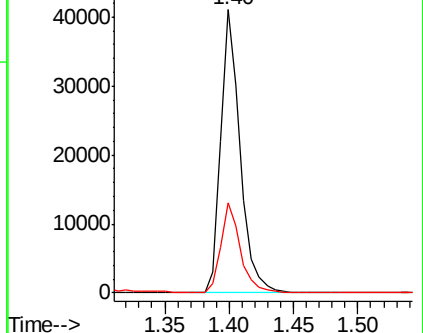
62 100

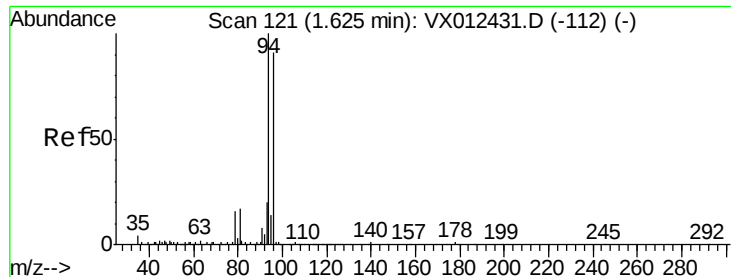
64 31.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.023 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

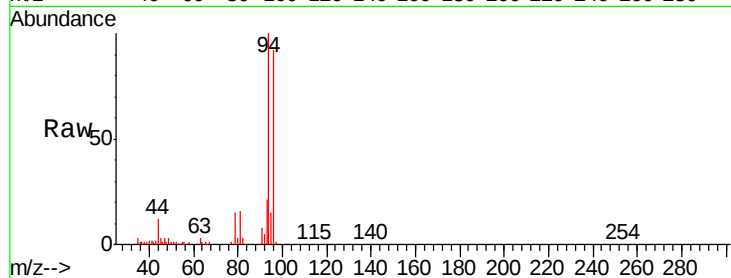
VX0924WBS01

Tgt Ion: 94 Resp: 21358

Ion Ratio Lower Upper

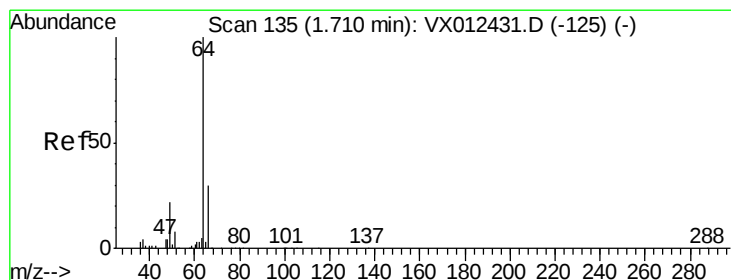
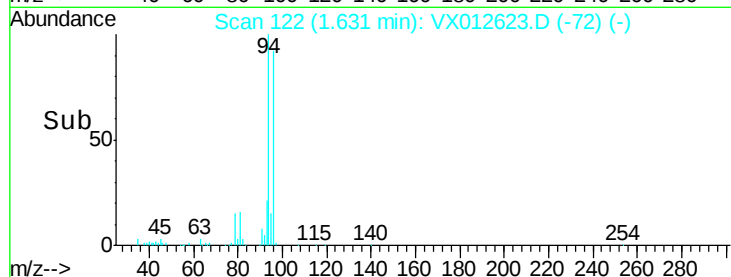
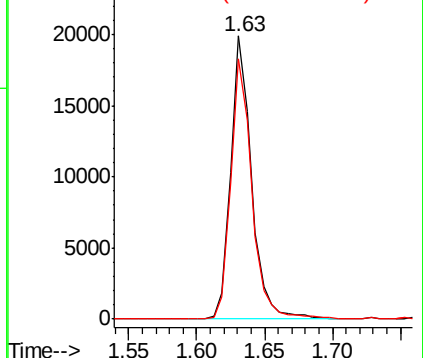
94 100

96 91.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.573 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012623.D

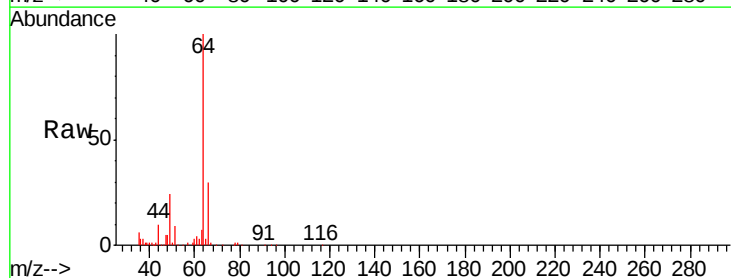
Acq: 24 Sep 2019 11:26

Tgt Ion: 64 Resp: 27952

Ion Ratio Lower Upper

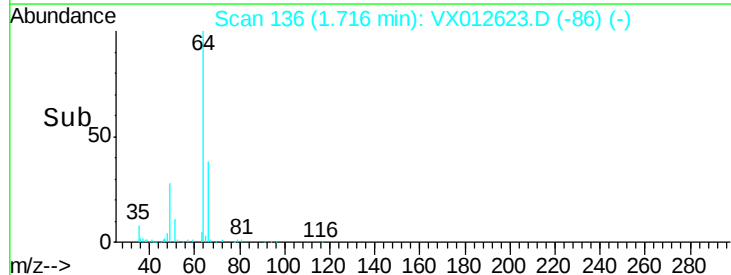
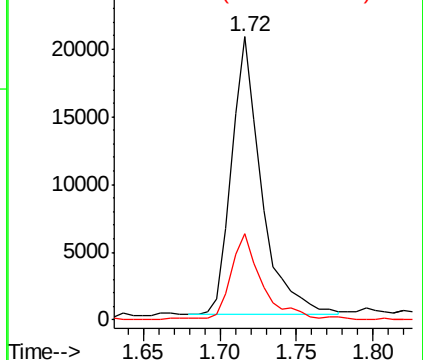
64 100

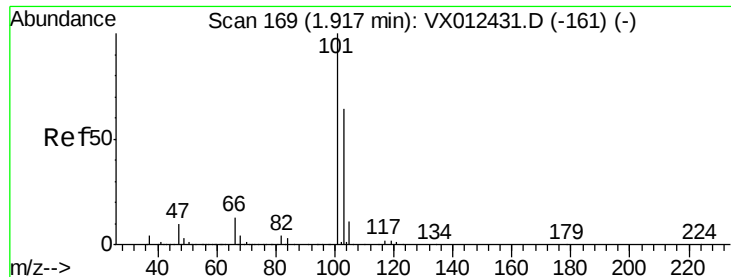
66 30.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



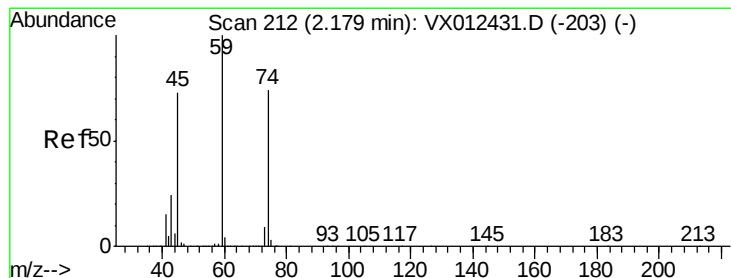
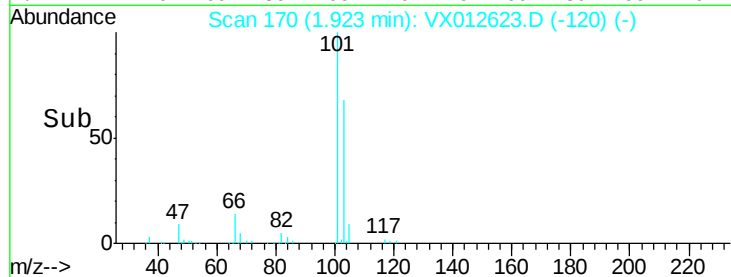
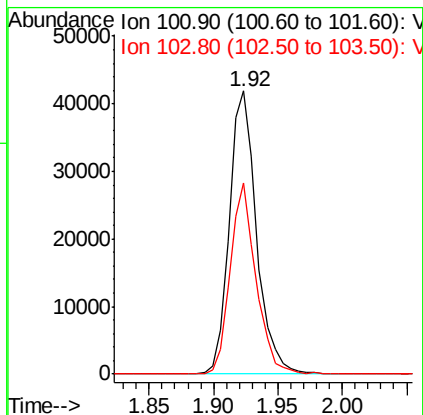
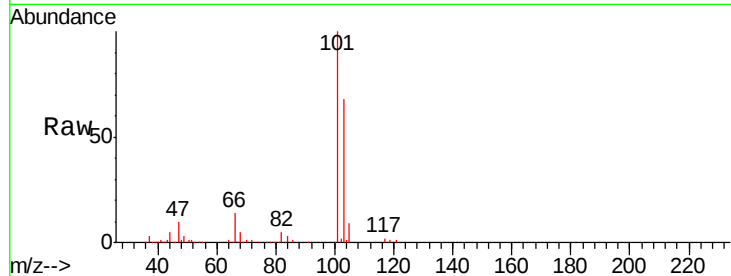


#7

Trichlorofluoromethane
 Concen: 18.649 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

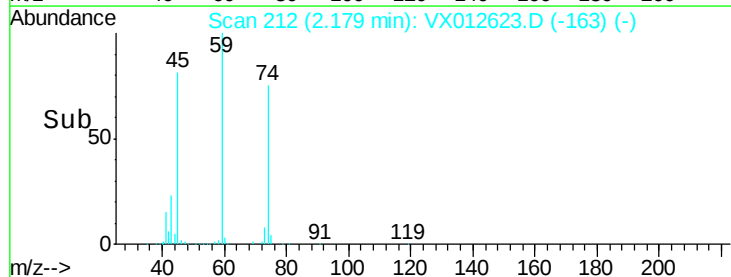
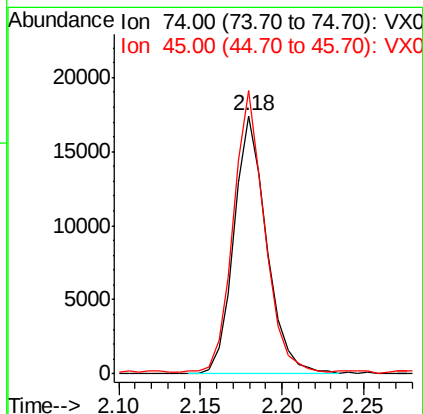
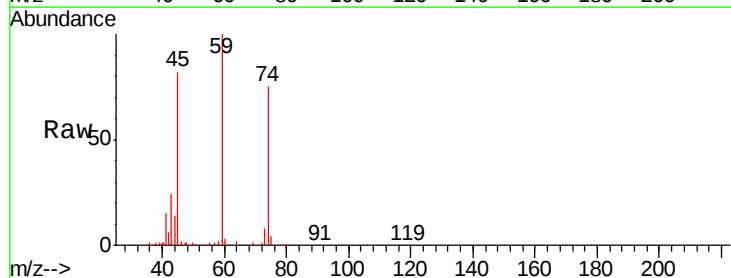
Tgt Ion: 101 Resp: 61779
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.0 76.4

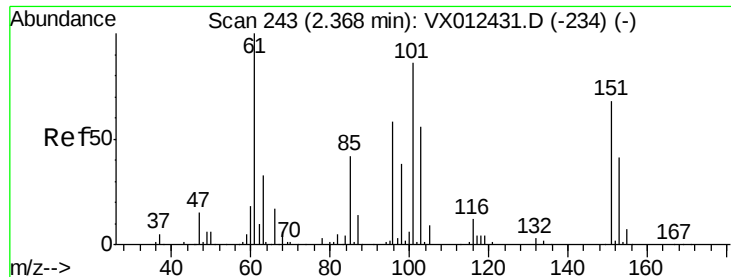


#8

Diethyl Ether
 Concen: 17.787 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 74 Resp: 24147
 Ion Ratio Lower Upper
 74 100
 45 104.1 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.818 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

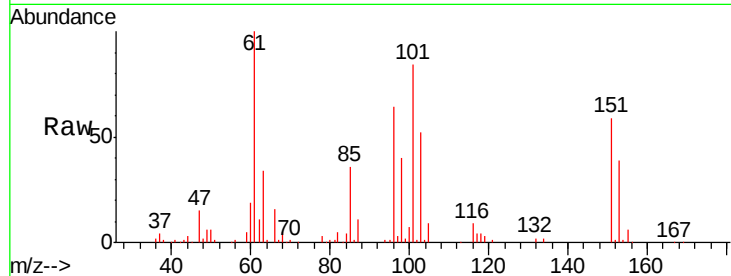
Tgt Ion:101 Resp: 37969

Ion Ratio Lower Upper

101 100

85 43.9 37.3 55.9

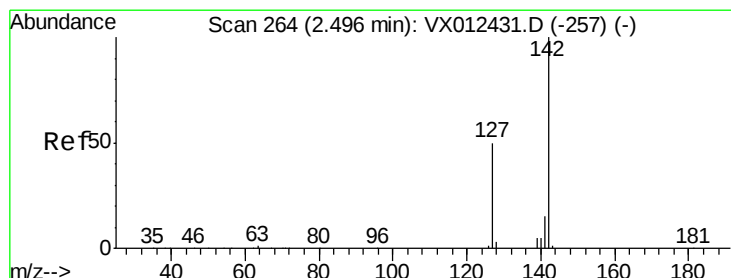
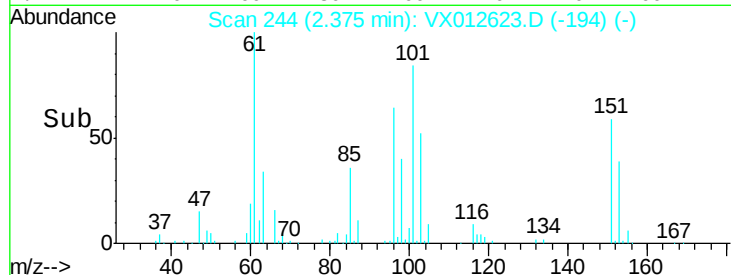
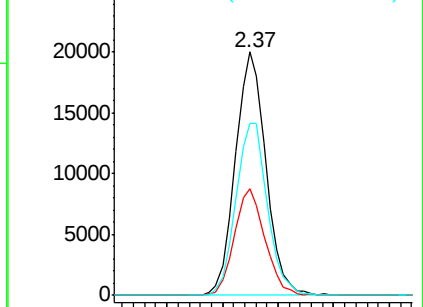
151 73.0 61.0 91.4



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: 19.083 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

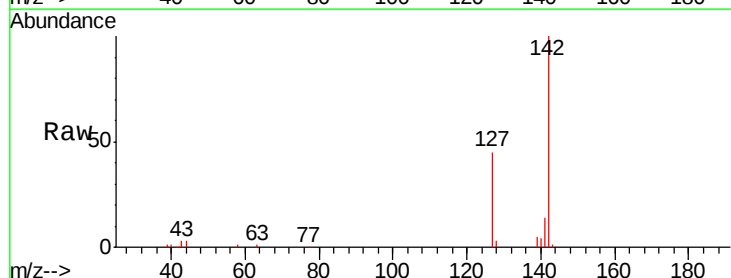
Tgt Ion:142 Resp: 33338

Ion Ratio Lower Upper

142 100

127 46.4 40.8 61.2

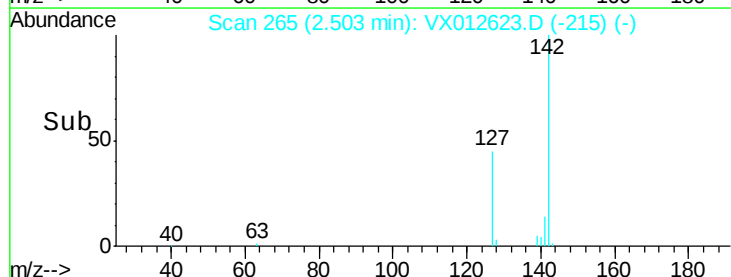
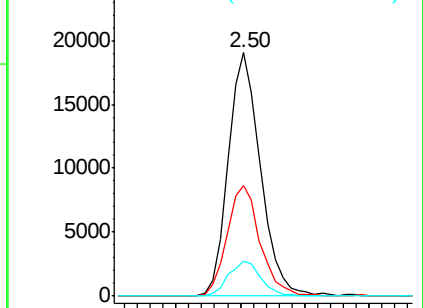
141 14.4 12.1 18.1

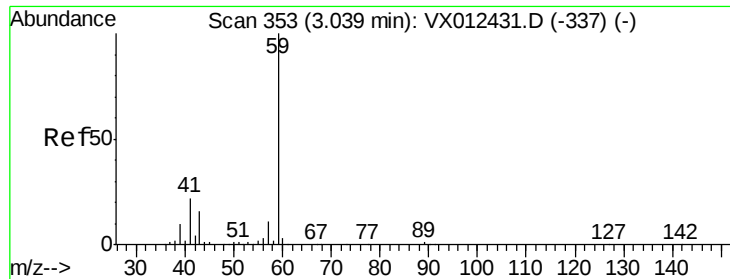


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

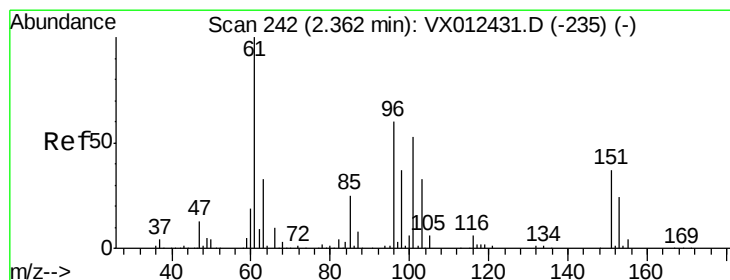
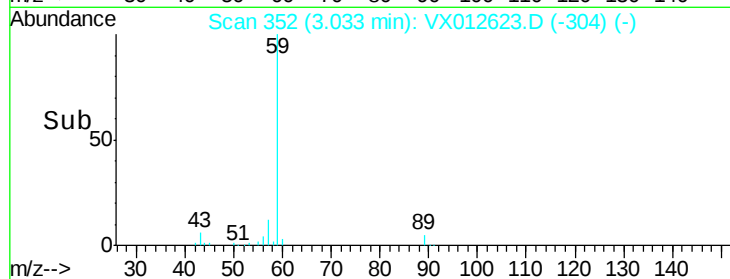
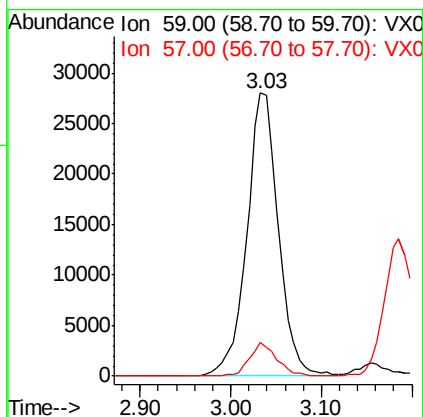
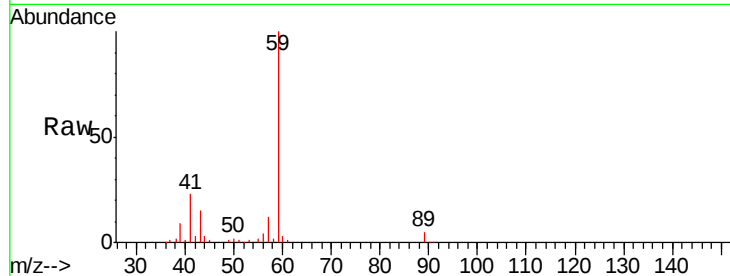




#11
Tert butyl alcohol
Concen: 101.201 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

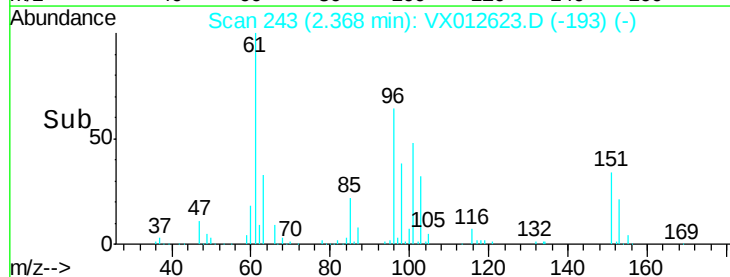
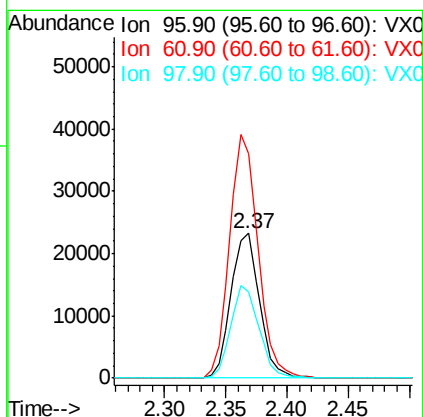
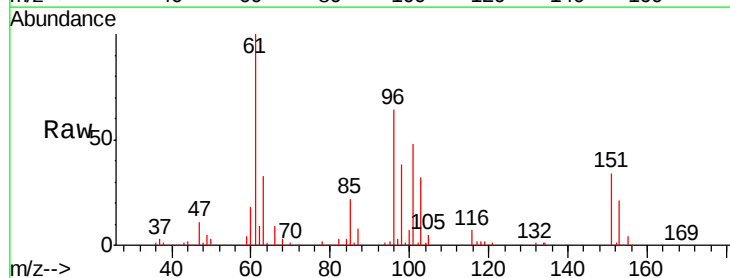
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

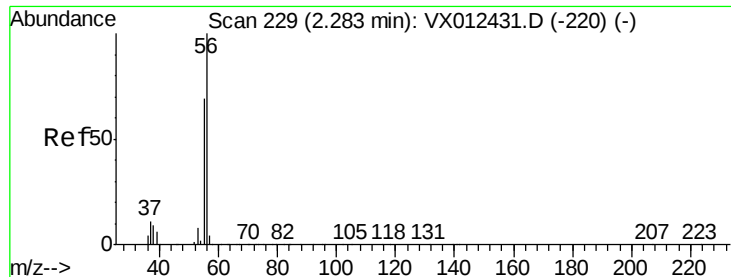
Tgt Ion: 59 Resp: 67648
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.962 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 96 Resp: 37463
Ion Ratio Lower Upper
96 100
61 155.1 133.8 200.6
98 59.5 49.9 74.9





#13

Acrolein

Concen: 86.614 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

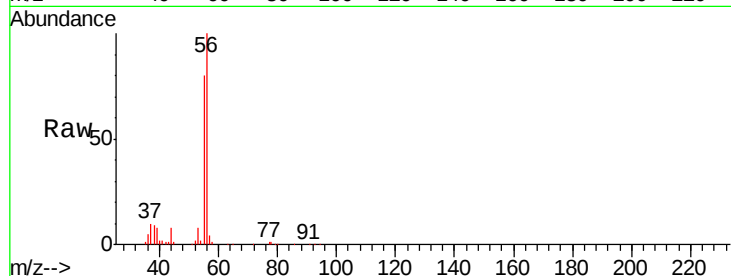
VX0924WBS01

Tgt Ion: 56 Resp: 29656

Ion Ratio Lower Upper

56 100

55 72.5 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

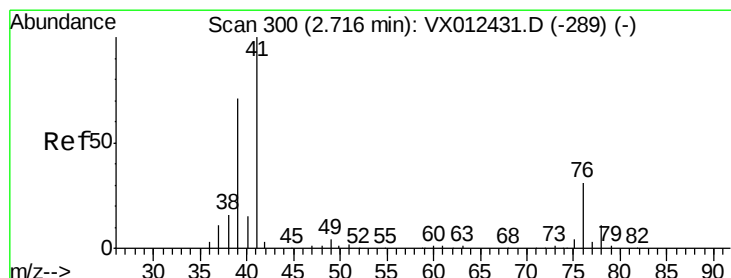
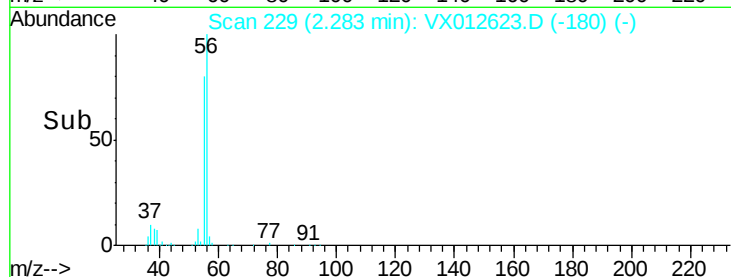
10000

5000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 18.806 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

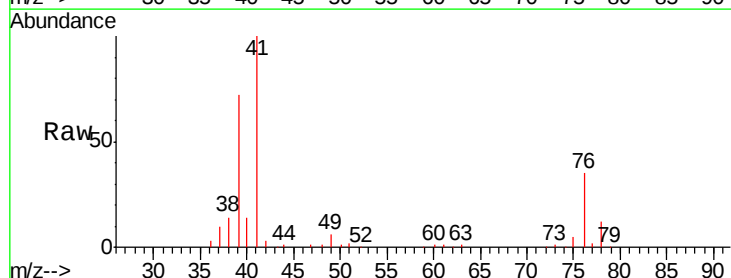
Tgt Ion: 41 Resp: 73717

Ion Ratio Lower Upper

41 100

39 64.5 51.3 76.9

76 31.2 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

50000

40000

30000

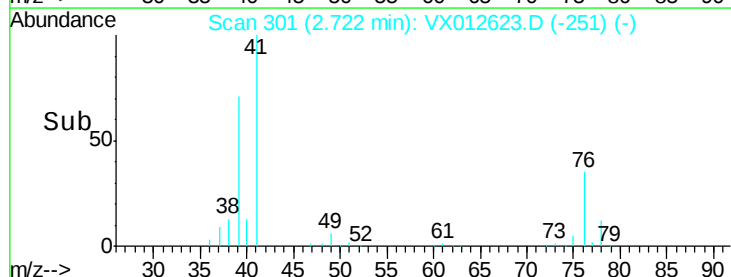
20000

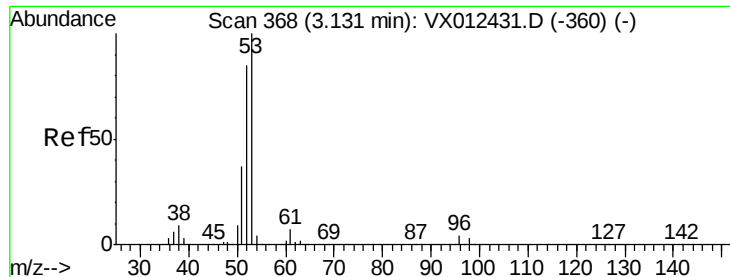
10000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 97.303 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

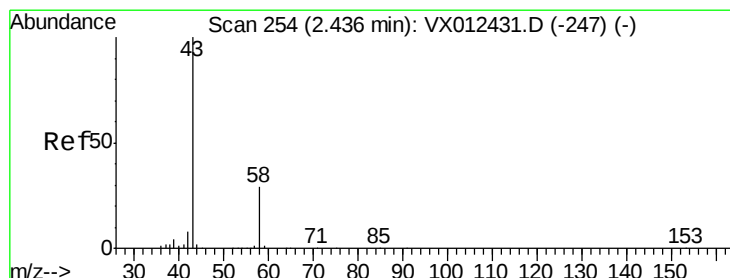
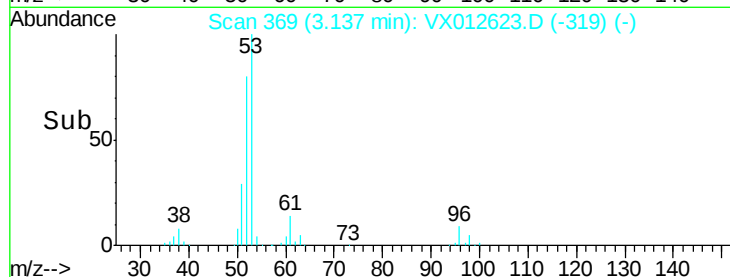
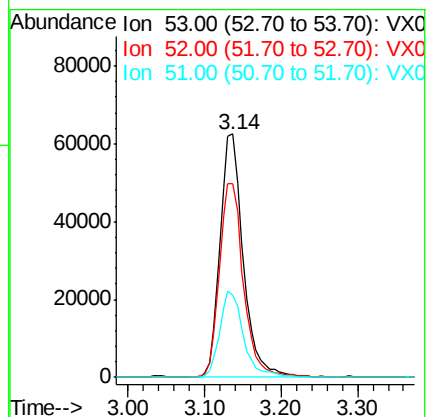
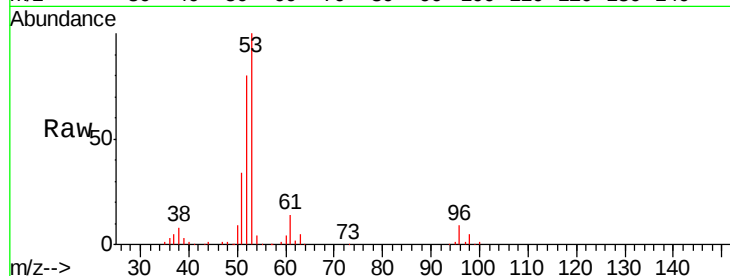
Tgt Ion: 53 Resp: 131958

Ion Ratio Lower Upper

53 100

52 82.1 67.0 100.4

51 36.4 29.6 44.4



#16

Acetone

Concen: 97.112 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012623.D

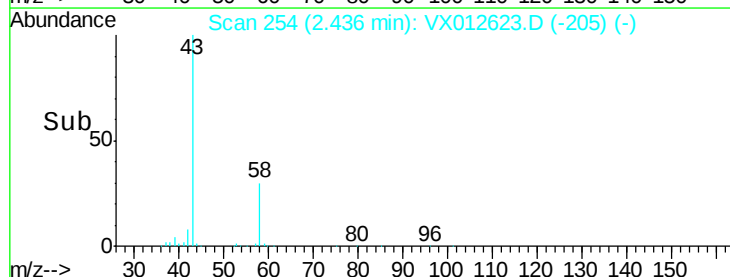
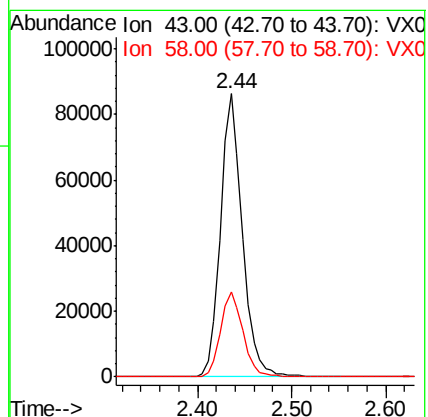
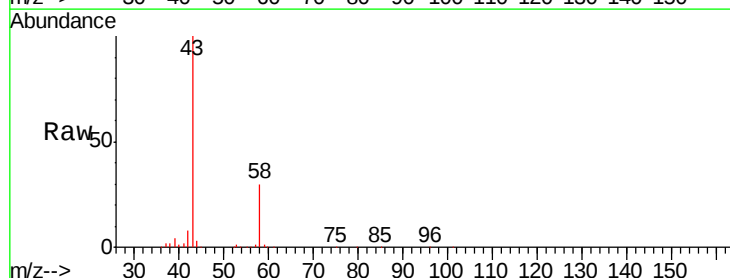
Acq: 24 Sep 2019 11:26

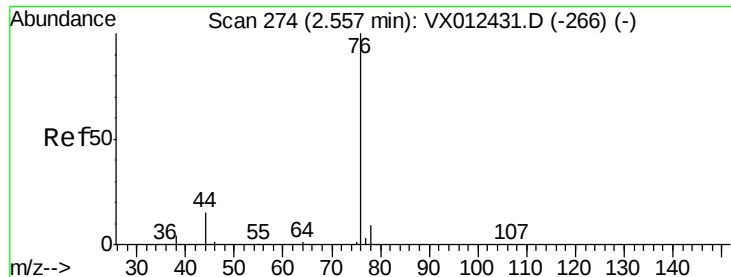
Tgt Ion: 43 Resp: 137643

Ion Ratio Lower Upper

43 100

58 29.9 23.3 34.9

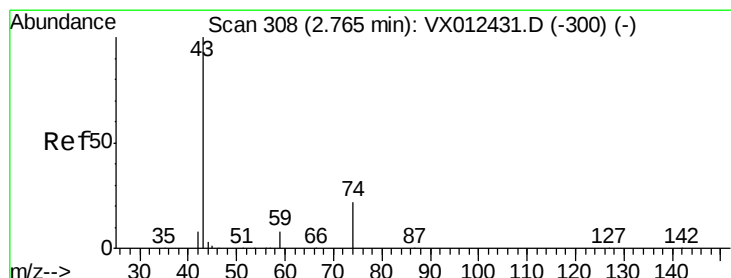
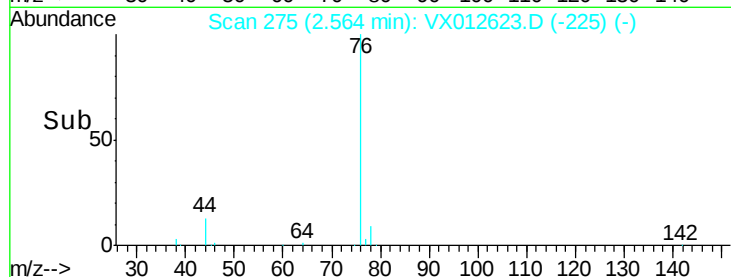
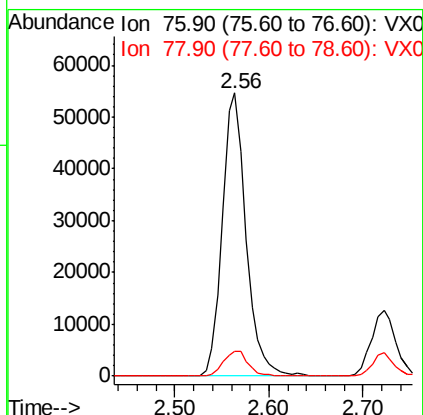
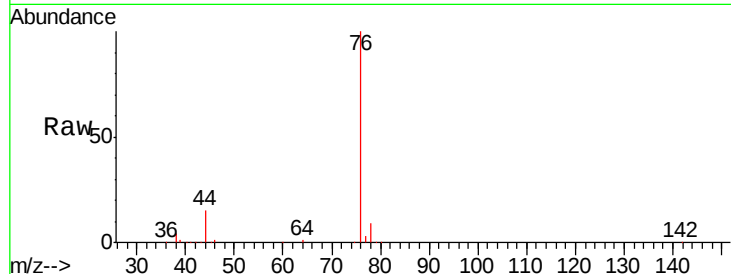




#17
Carbon Disulfide
Concen: 17.305 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

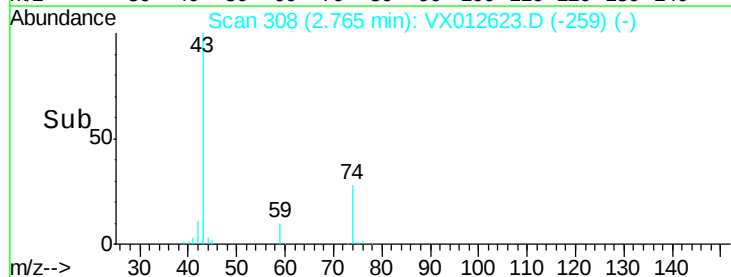
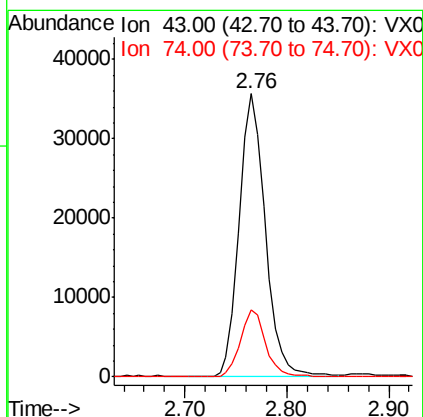
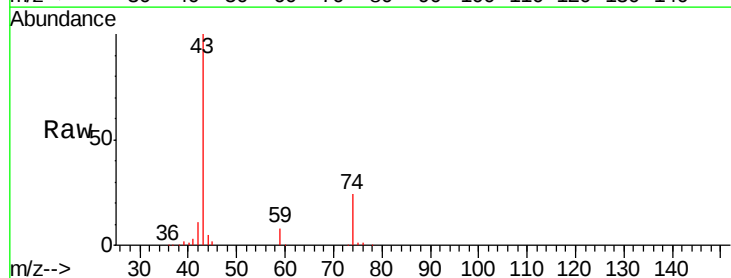
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

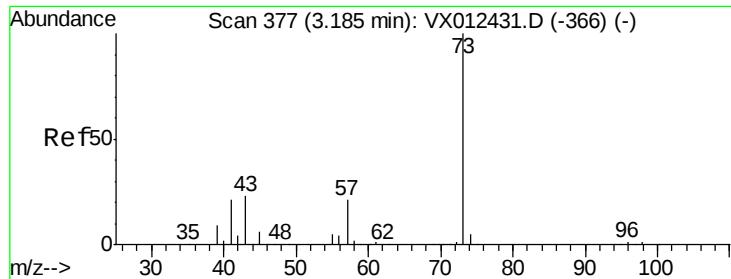
Tgt Ion: 76 Resp: 95848
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 19.088 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 43 Resp: 63705
Ion Ratio Lower Upper
43 100
74 22.9 17.7 26.5

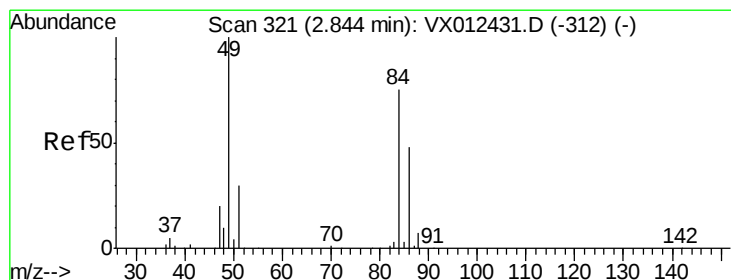
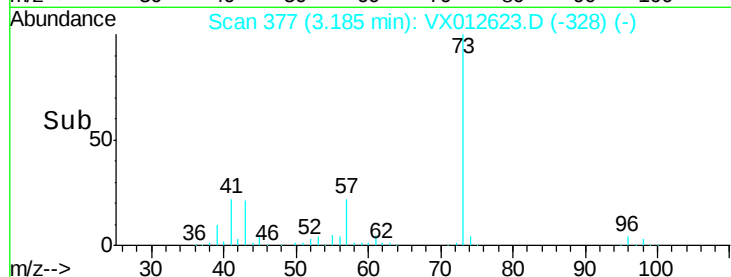
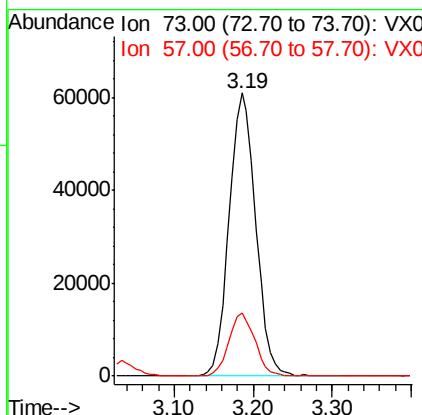
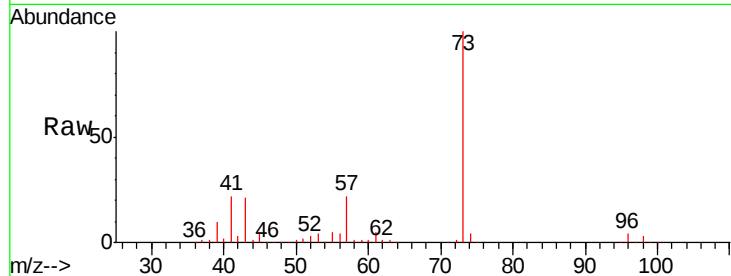




#19
Methyl tert-butyl Ether
Concen: 19.108 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

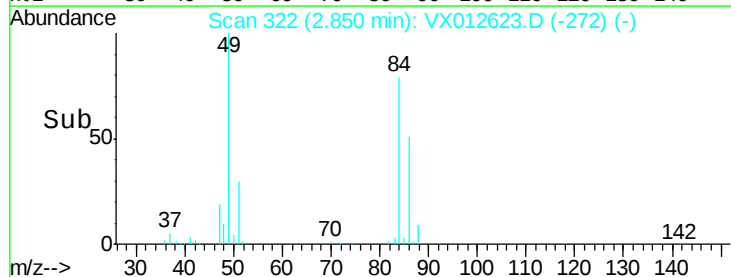
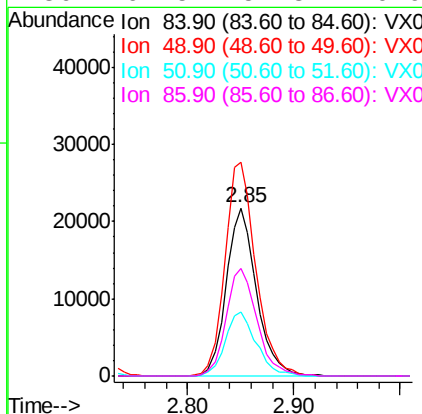
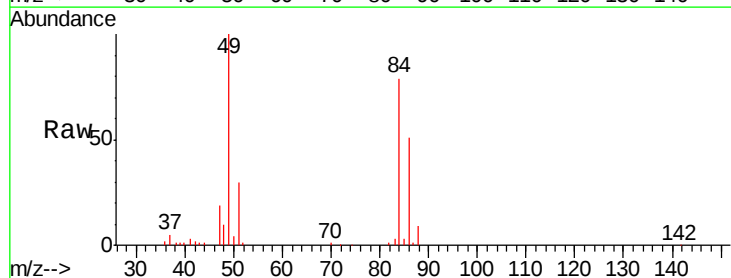
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

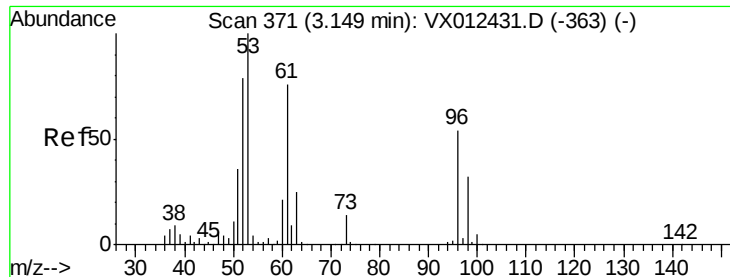
Tgt Ion: 73 Resp: 142897
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 17.948 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 84 Resp: 43026
Ion Ratio Lower Upper
84 100
49 127.4 106.8 160.2
51 38.4 32.3 48.5
86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.338 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

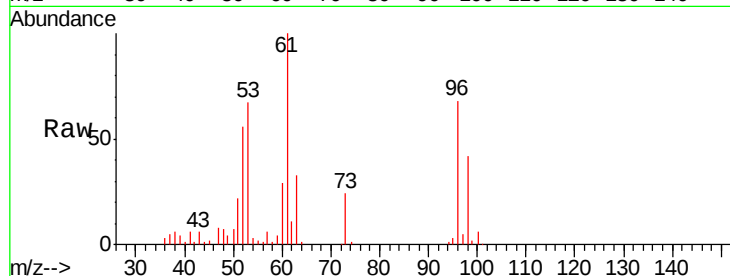
Tgt Ion: 96 Resp: 40140

Ion Ratio Lower Upper

96 100

61 148.0 112.0 168.0

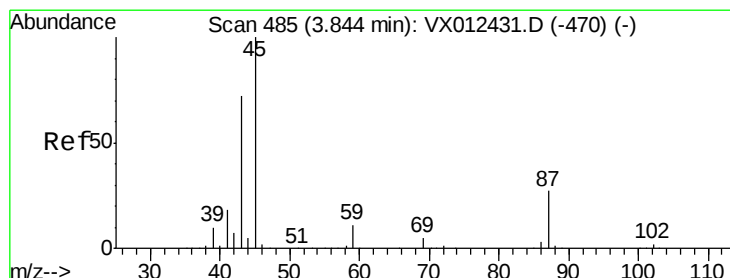
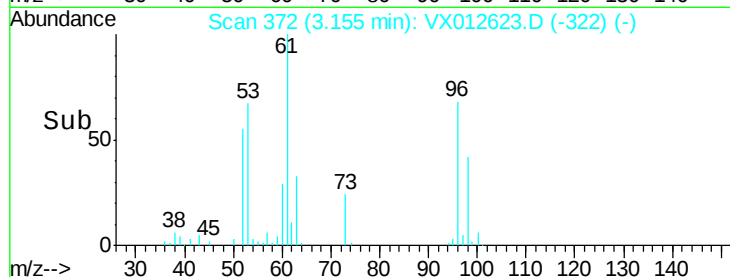
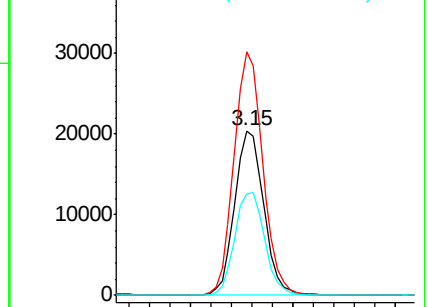
98 62.0 47.8 71.8



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: 19.175 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Tgt Ion: 45 Resp: 145233

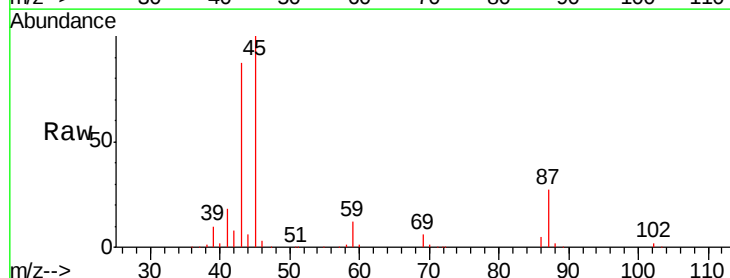
Ion Ratio Lower Upper

45 100

43 86.9 57.8 86.8#

87 26.6 21.3 31.9

59 12.1 8.5 12.7

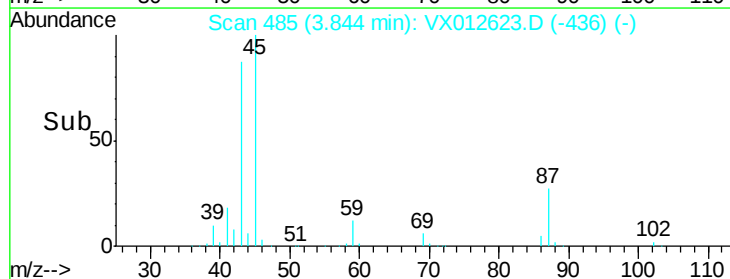
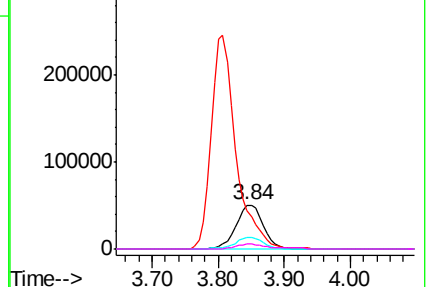


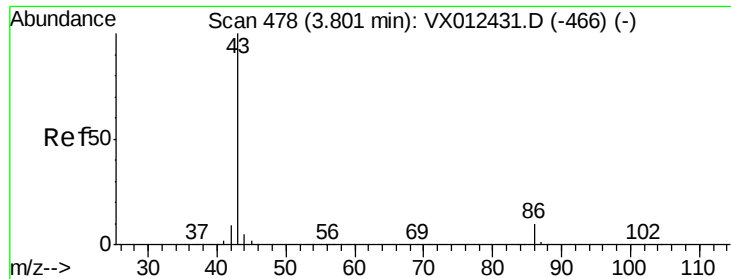
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 95.938 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

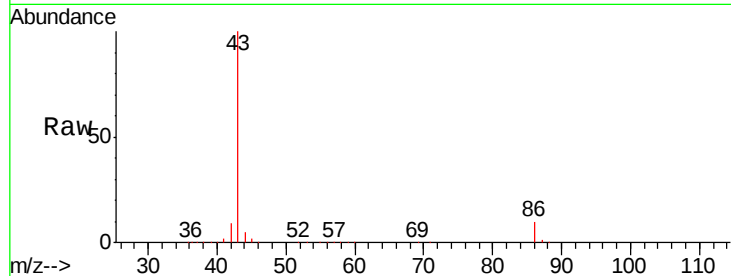
VX0924WBS01

Tgt Ion: 43 Resp: 637241

Ion Ratio Lower Upper

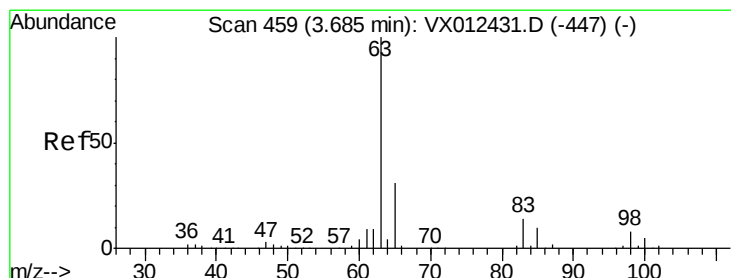
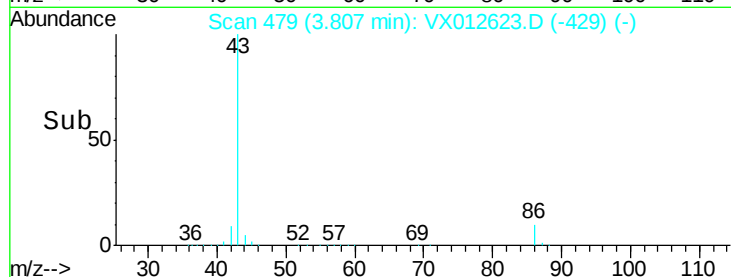
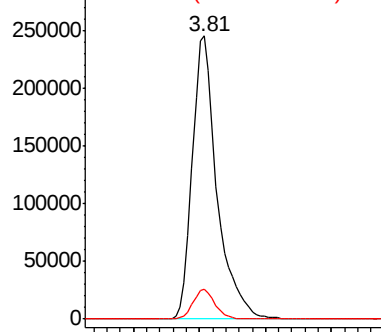
43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.847 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

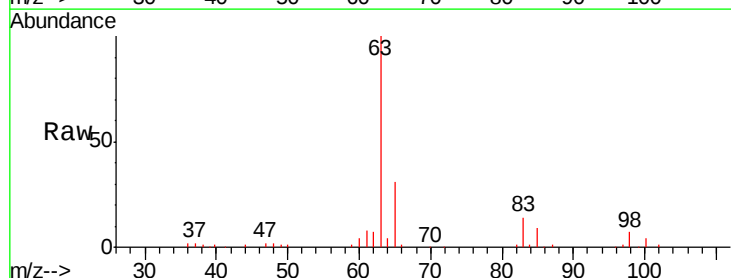
Tgt Ion: 63 Resp: 77598

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

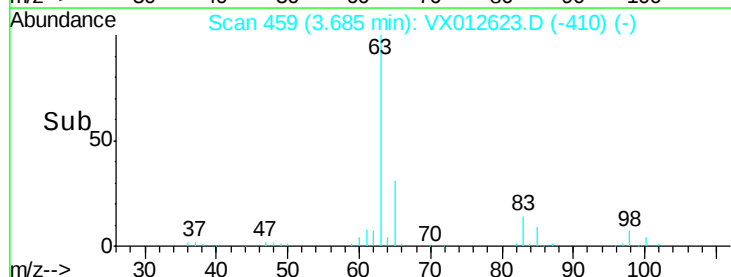
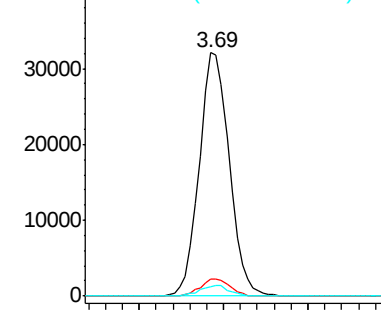
100 4.0 2.3 6.9

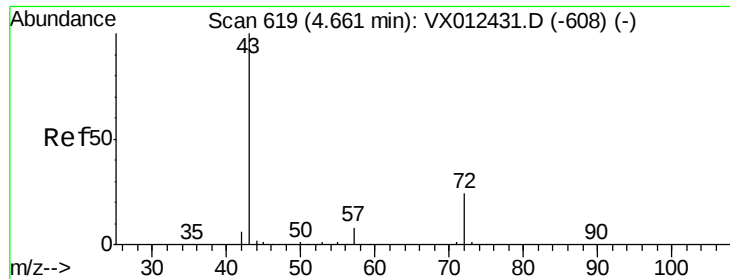


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.574 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

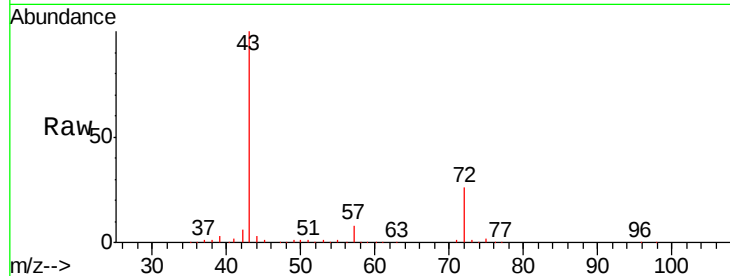
VX0924WBS01

Tgt Ion: 43 Resp: 196266

Ion Ratio Lower Upper

43 100

72 25.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

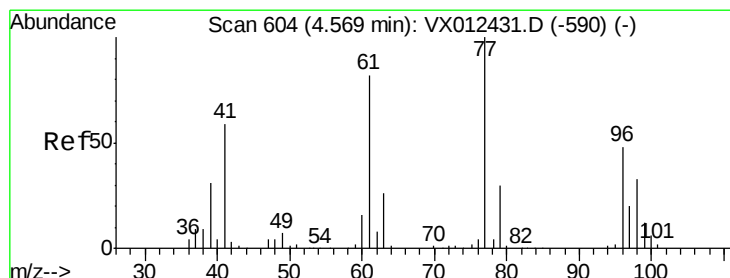
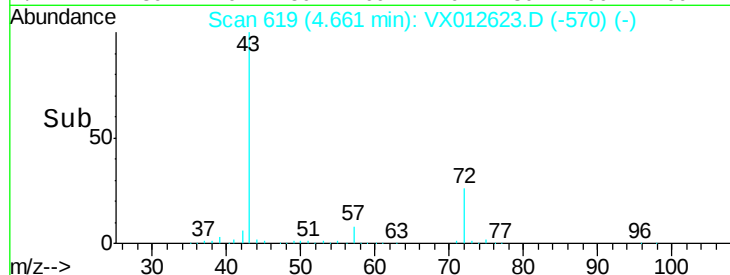
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.335 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012623.D

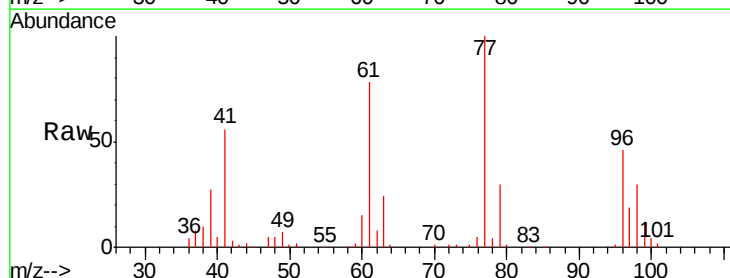
Acq: 24 Sep 2019 11:26

Tgt Ion: 77 Resp: 67139

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

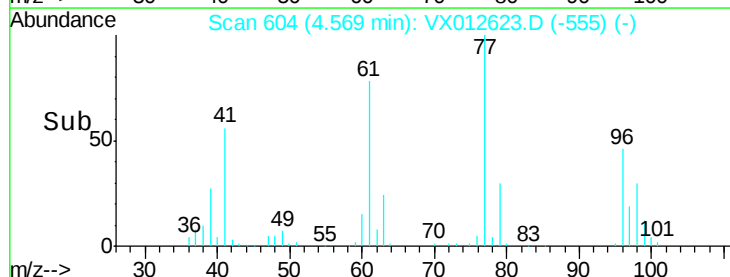
10000

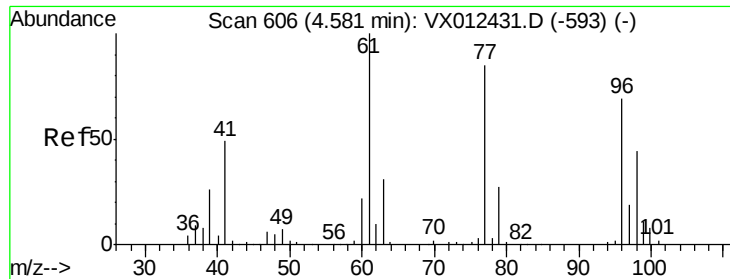
5000

0

4.50 4.60 4.70

Time-->



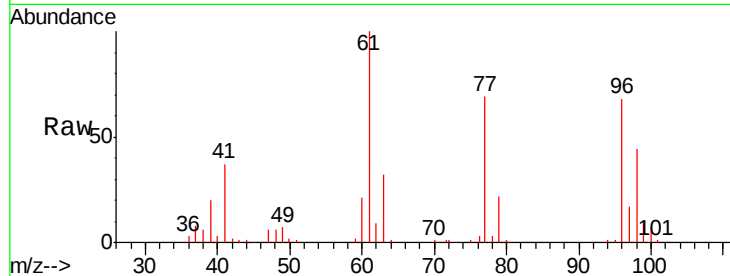


#27

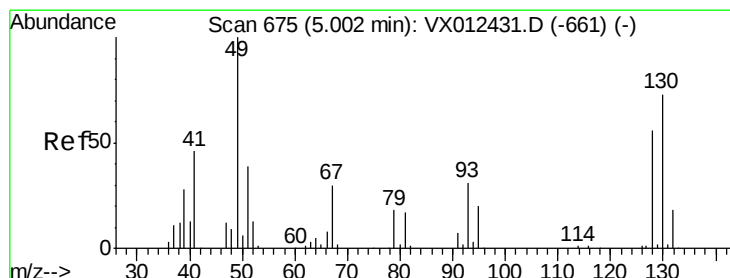
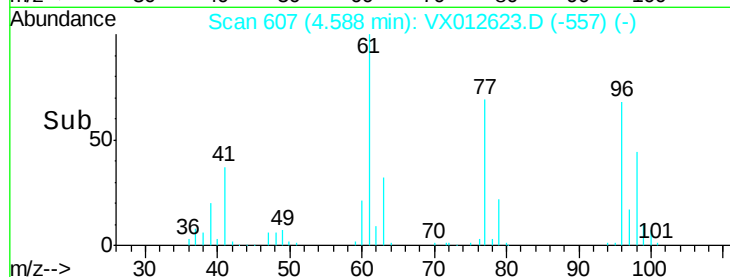
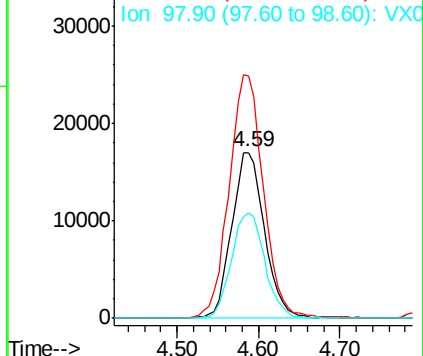
cis-1,2-Dichloroethene
Concen: 18.600 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion: 96 Resp: 47239
Ion Ratio Lower Upper
96 100
61 153.2 0.0 319.4
98 64.6 0.0 130.6



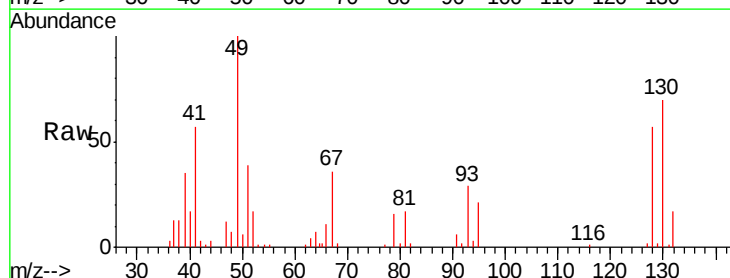
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



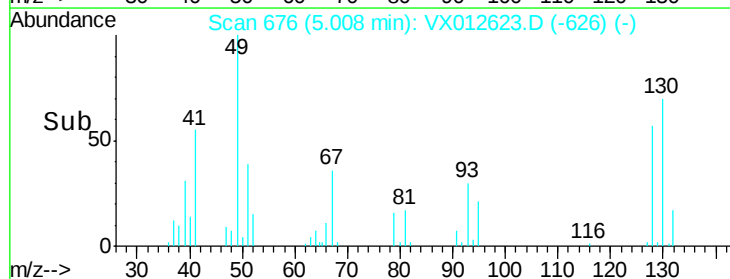
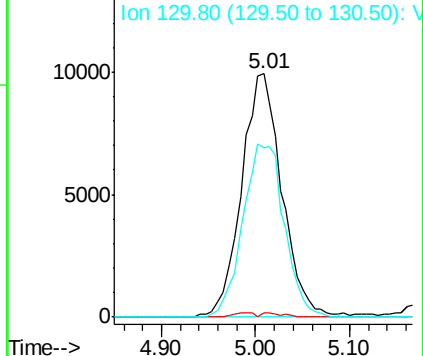
#28

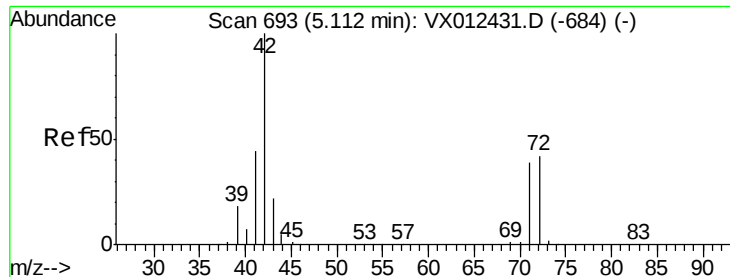
Bromochloromethane
Concen: 19.778 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 49 Resp: 29567
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 73.1 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: 97.350 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0924WBS01

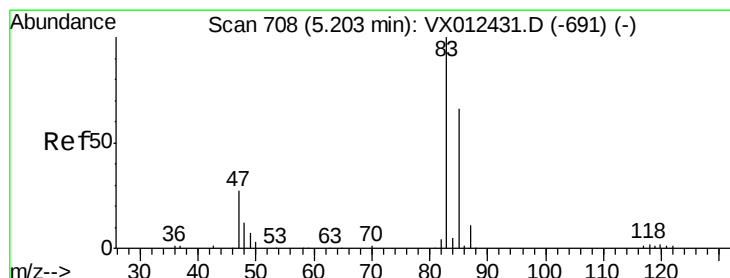
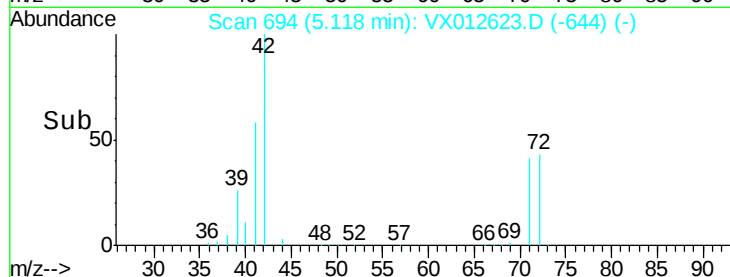
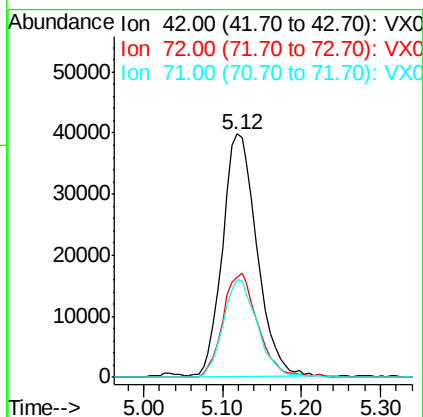
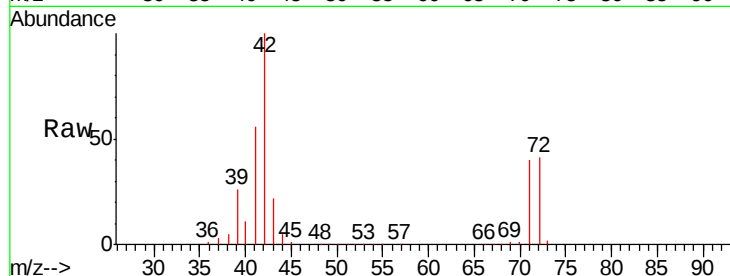
Tgt Ion: 42 Resp: 120586

Ion Ratio Lower Upper

42 100

72 43.4 34.0 51.0

71 39.9 31.5 47.3



#30

Chloroform

Concen: 18.865 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012623.D

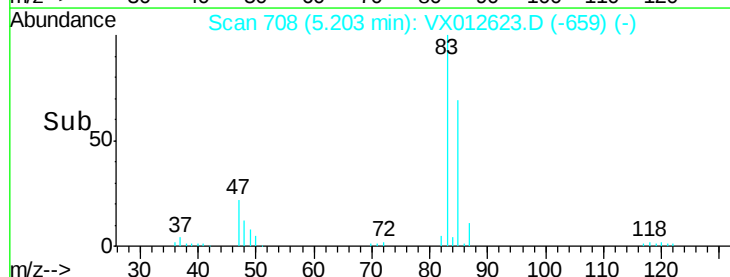
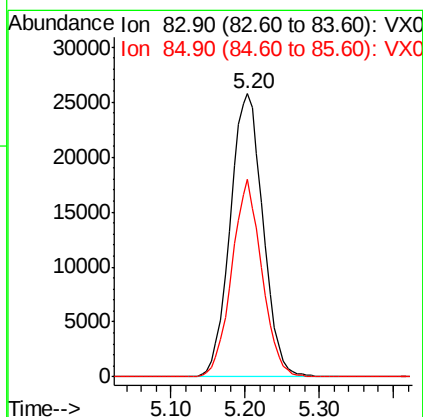
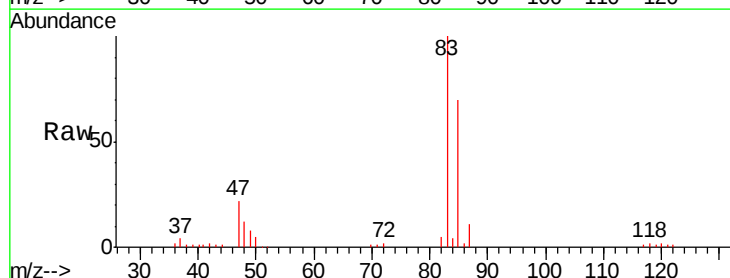
Acq: 24 Sep 2019 11:26

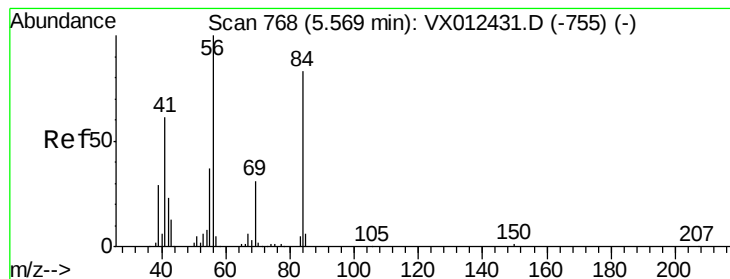
Tgt Ion: 83 Resp: 79462

Ion Ratio Lower Upper

83 100

85 69.8 53.0 79.4





#31

Cyclohexane

Concen: 18.902 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

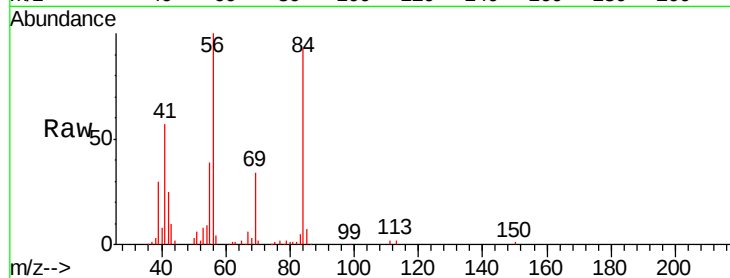
Tgt Ion: 56 Resp: 70403

Ion Ratio Lower Upper

56 100

69 33.8 25.0 37.6

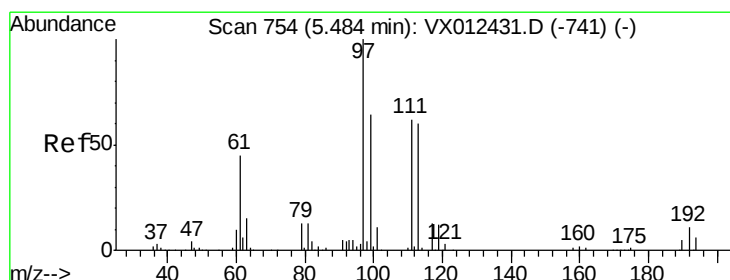
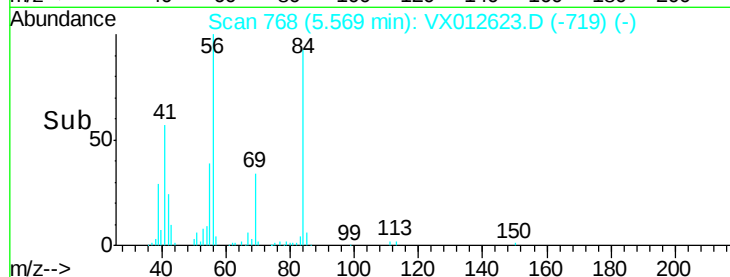
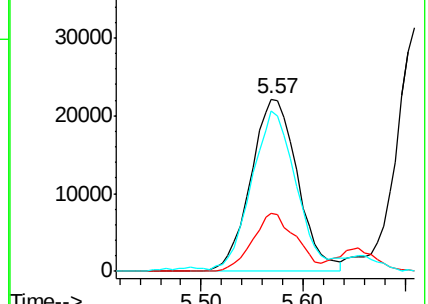
84 90.7 66.4 99.6



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: 18.791 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

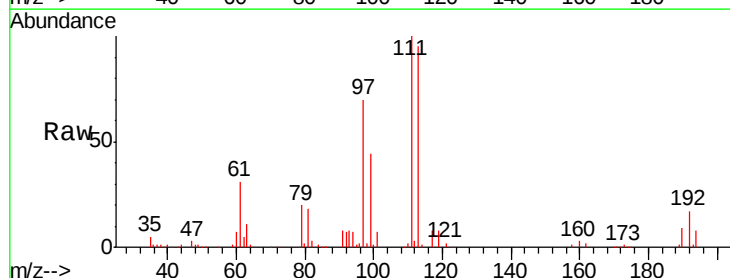
Tgt Ion: 97 Resp: 70149

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

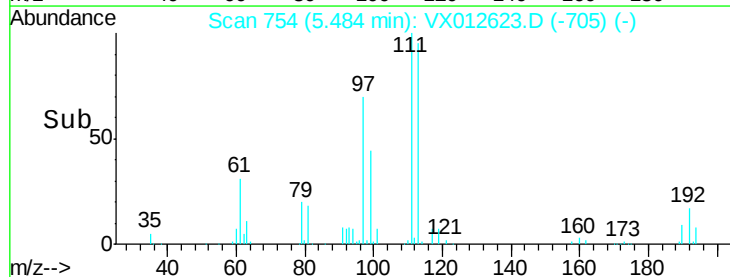
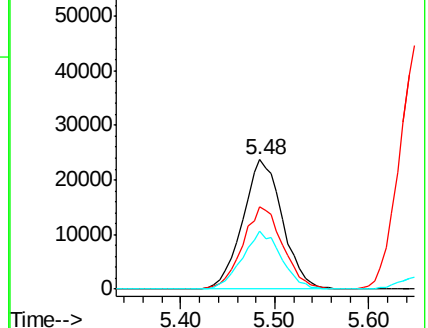
61 44.0 36.1 54.1

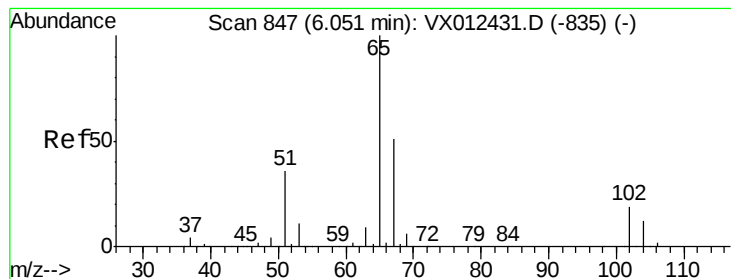


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.851 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

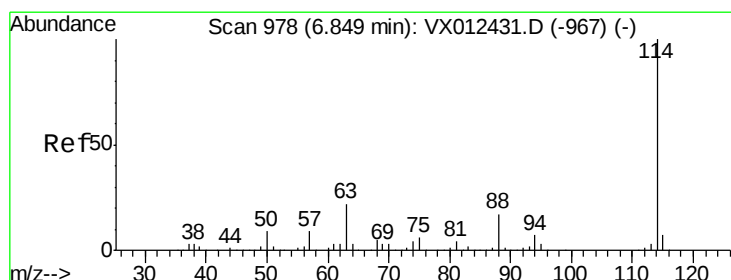
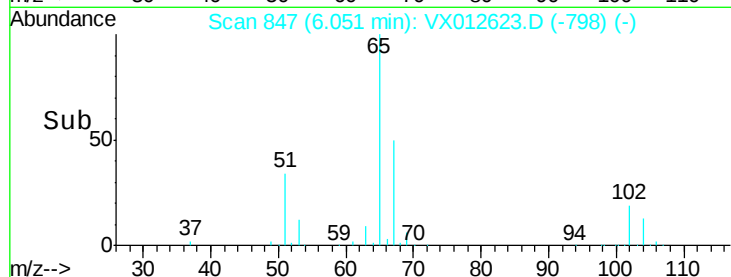
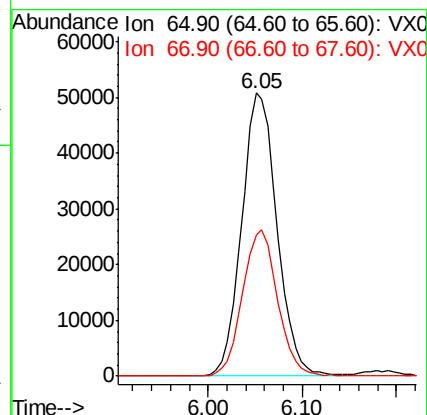
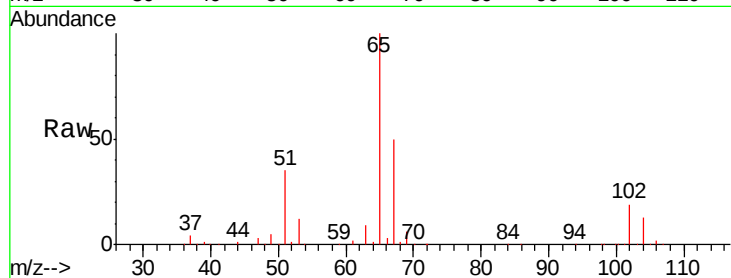
VX0924WBS01

Tgt Ion: 65 Resp: 133396

Ion Ratio Lower Upper

65 100

67 51.4 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: VX012623.D

Acq: 24 Sep 2019 11:26

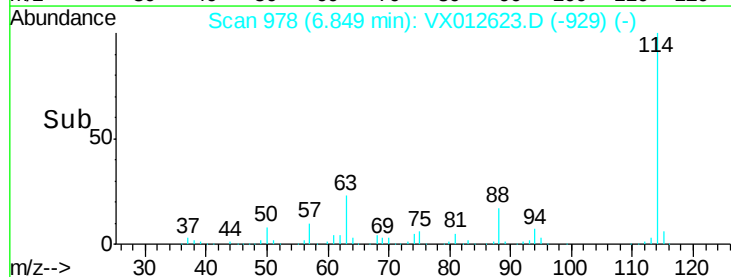
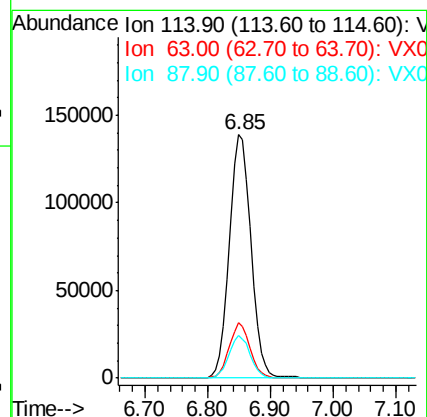
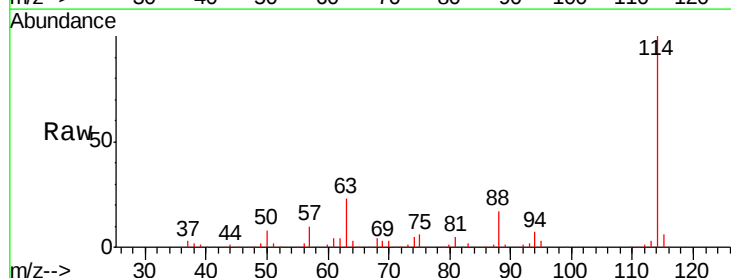
Tgt Ion: 114 Resp: 333733

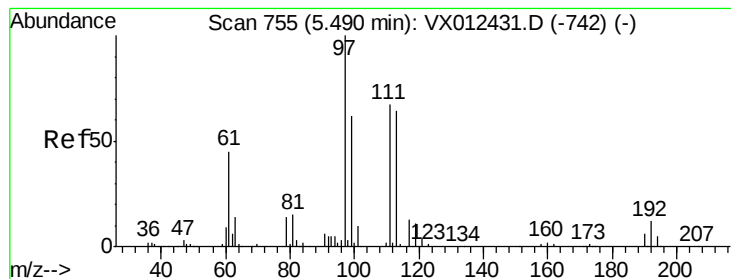
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.088 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

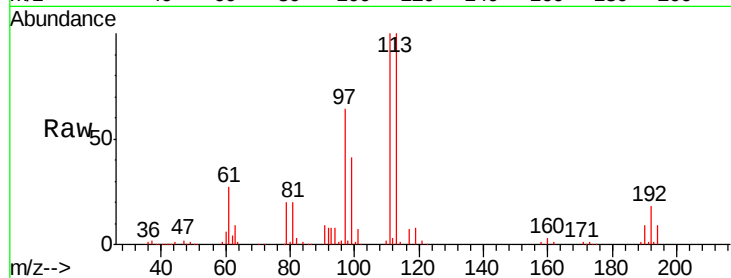
Tgt Ion:113 Resp: 97564

Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

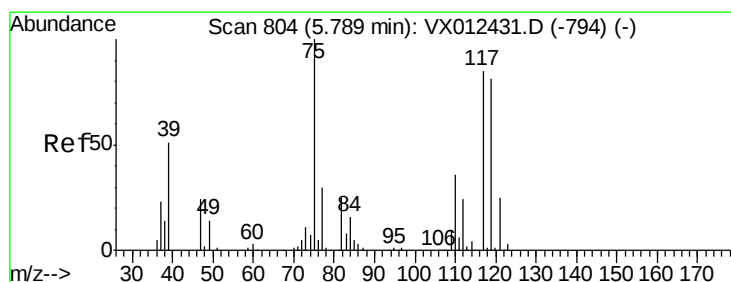
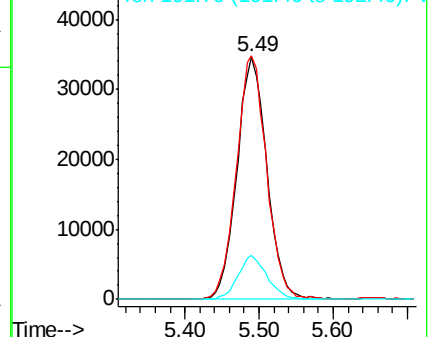
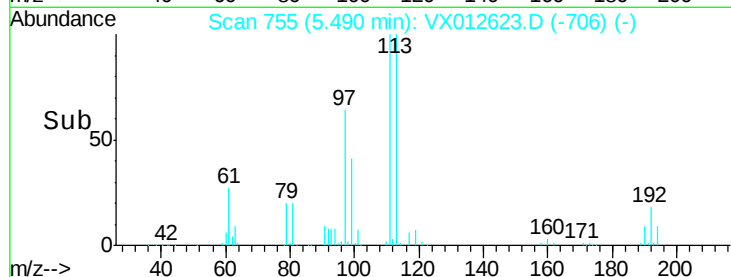
192 17.4 14.4 21.6



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: 17.911 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

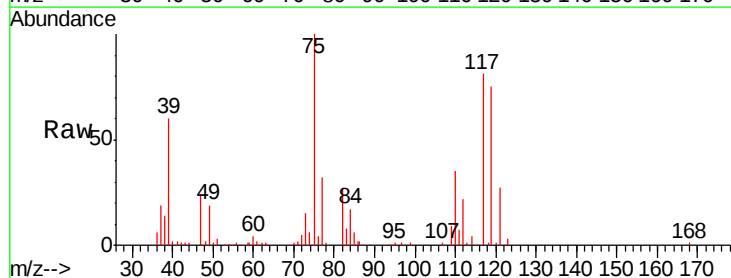
Tgt Ion: 75 Resp: 57615

Ion Ratio Lower Upper

75 100

110 33.6 16.7 50.0

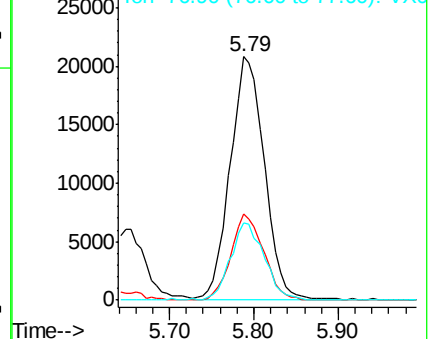
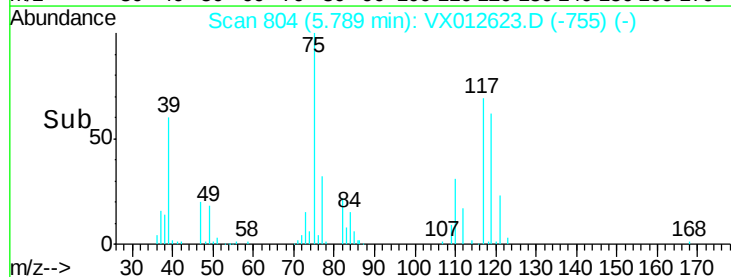
77 31.5 24.2 36.2

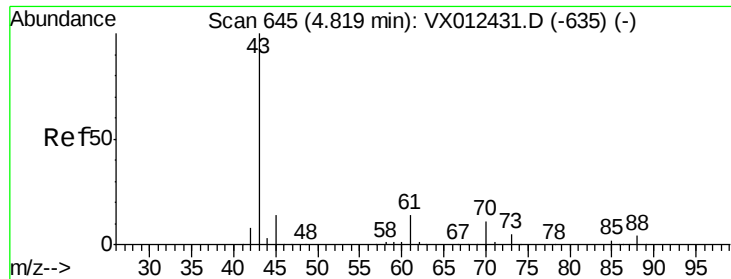


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

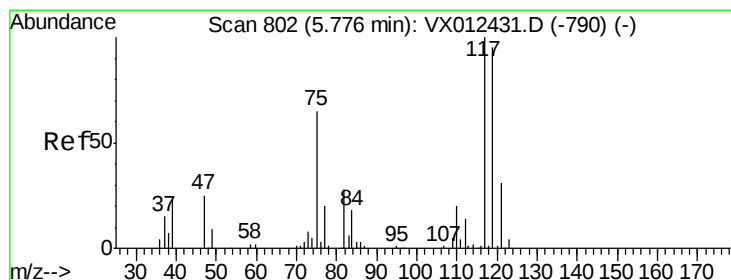
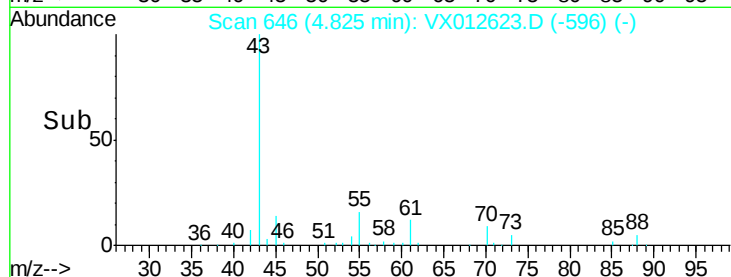
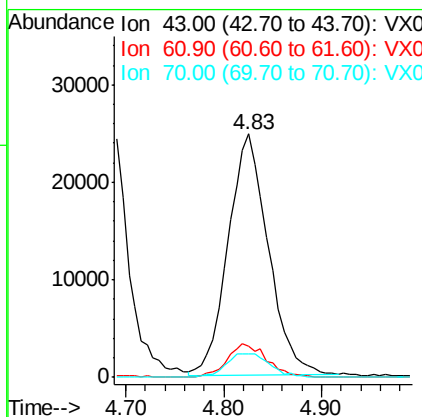
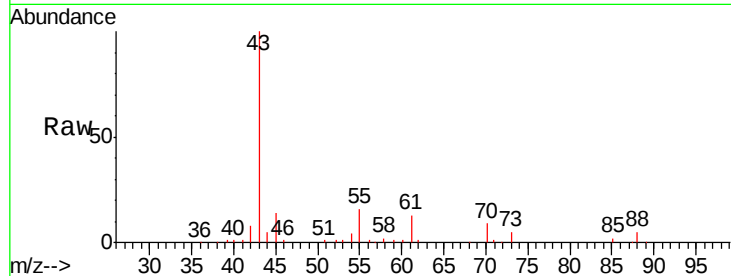




#37
Ethyl Acetate
Concen: 18.668 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

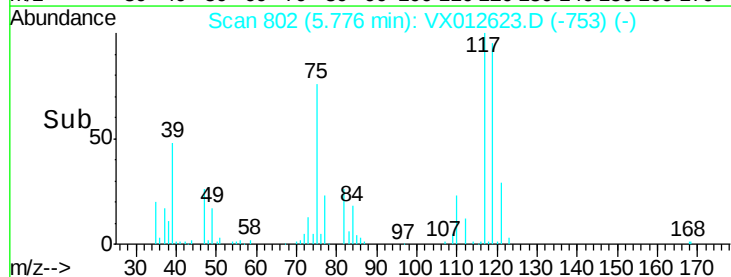
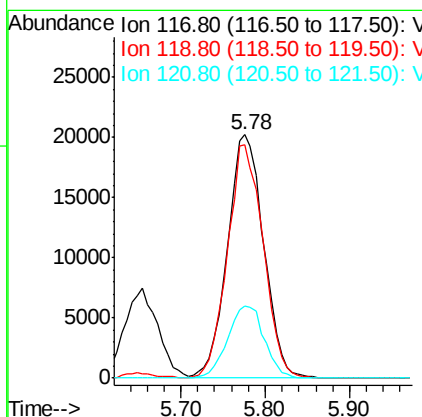
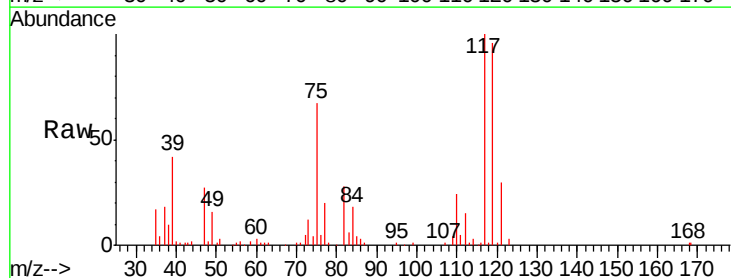
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

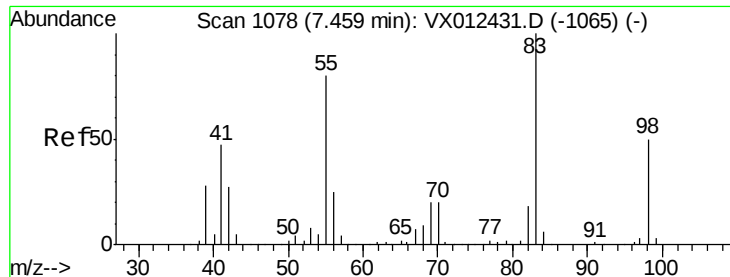
Tgt Ion: 43 Resp: 70207
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.4
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.043 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 117 Resp: 58961
Ion Ratio Lower Upper
117 100
119 95.8 75.7 113.5
121 29.6 24.2 36.4

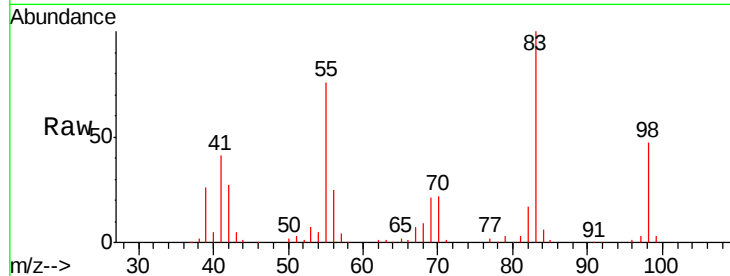




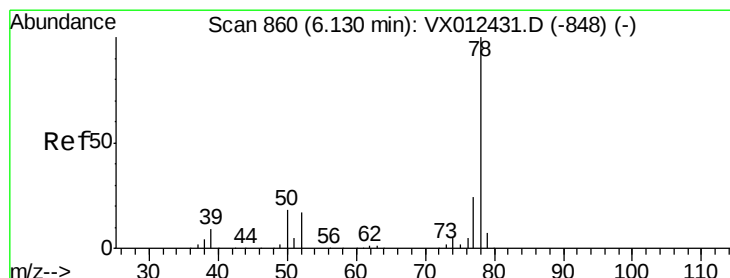
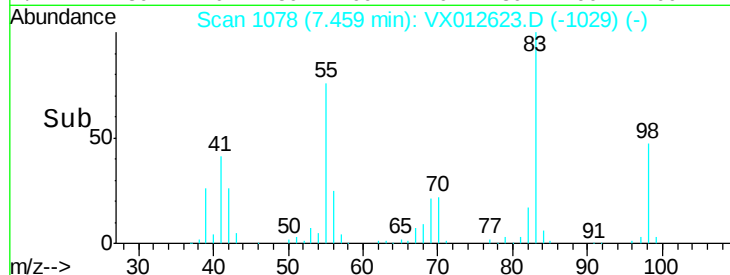
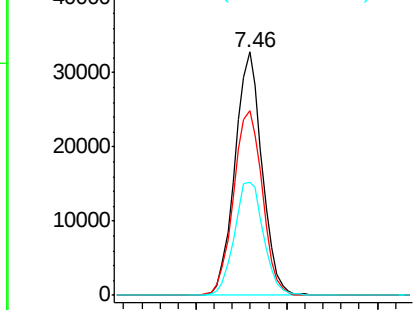
#39
Methylcyclohexane
Concen: 17.723 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion: 83 Resp: 68635
Ion Ratio Lower Upper
83 100
55 76.1 64.4 96.6
98 46.6 40.1 60.1

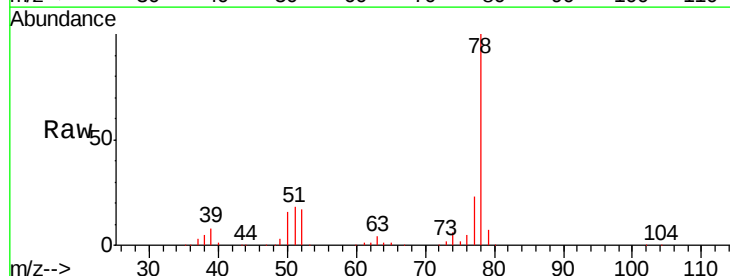


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

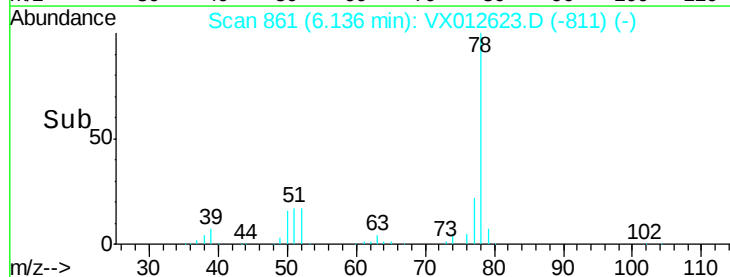
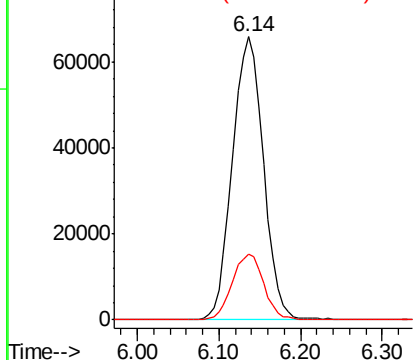


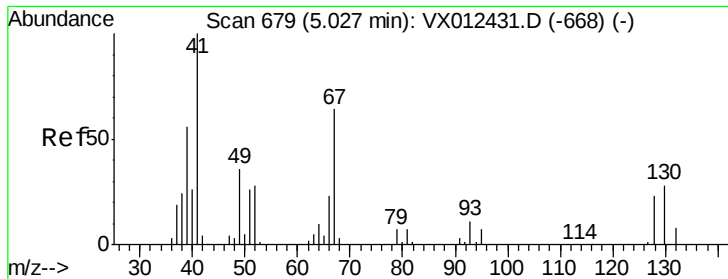
#40
Benzene
Concen: 18.353 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 78 Resp: 173704
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8



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





#41

Methacrylonitrile

Concen: 18.457 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tgt Ion: 41 Resp: 38946

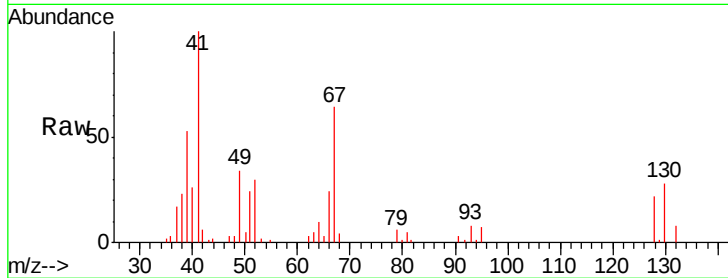
Ion Ratio Lower Upper

41 100

39 57.7 46.0 69.0

67 69.3 52.2 78.2

52 29.2 22.7 34.1

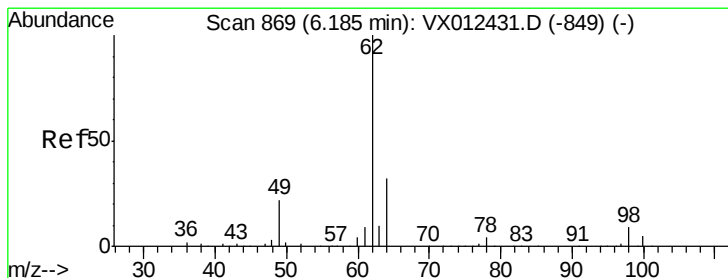
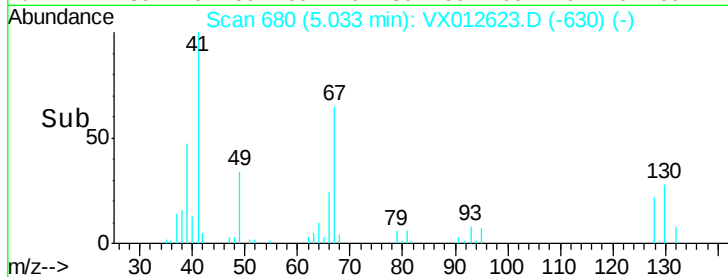
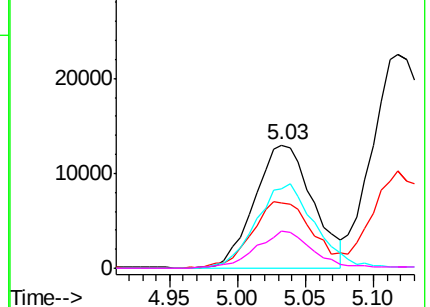


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.868 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012623.D

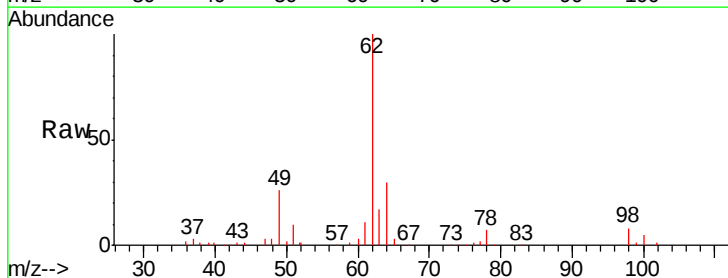
Acq: 24 Sep 2019 11:26

Tgt Ion: 62 Resp: 67814

Ion Ratio Lower Upper

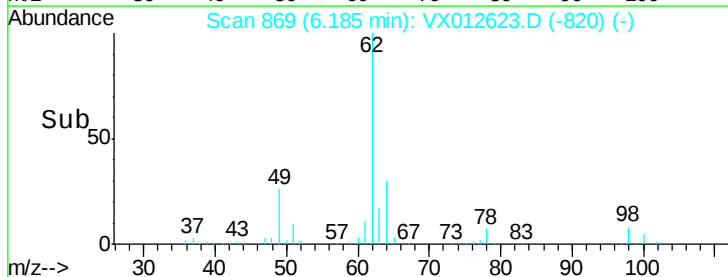
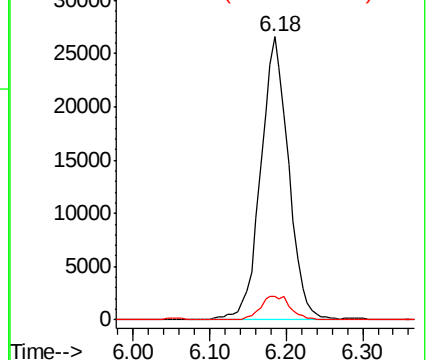
62 100

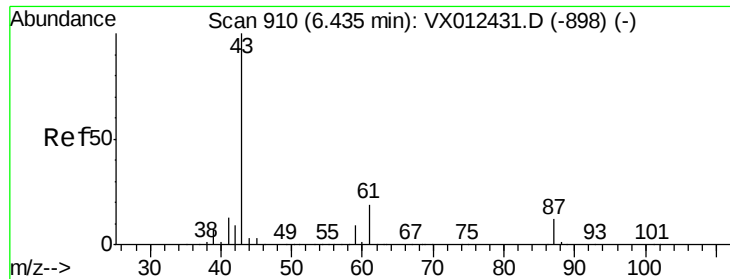
98 8.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.258 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

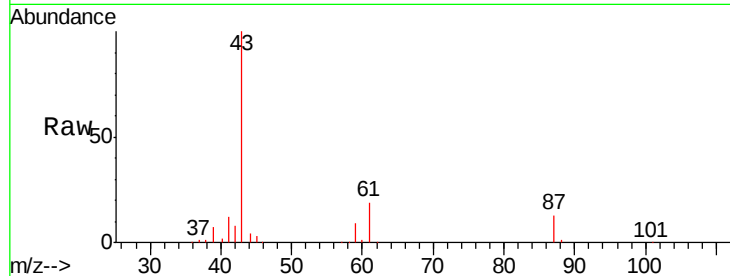
Tgt Ion: 43 Resp: 114828

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

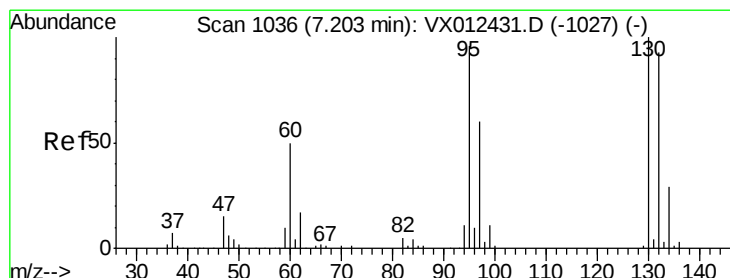
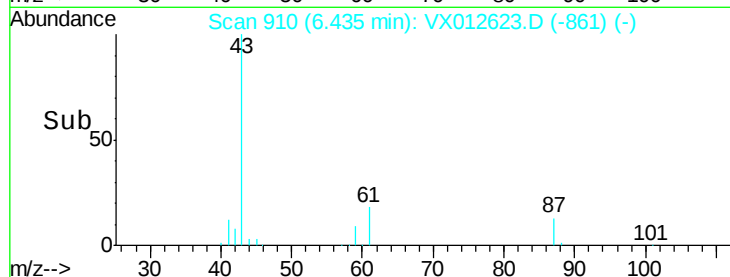
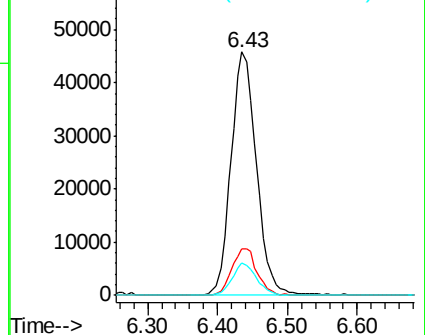
87 12.8 9.8 14.8



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: 18.070 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012623.D

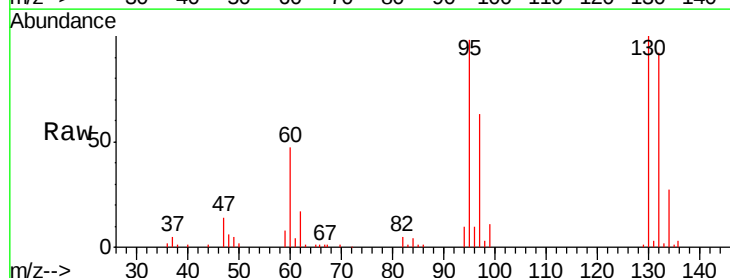
Acq: 24 Sep 2019 11:26

Tgt Ion: 130 Resp: 43724

Ion Ratio Lower Upper

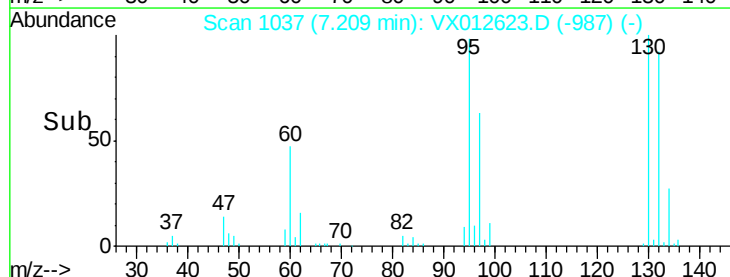
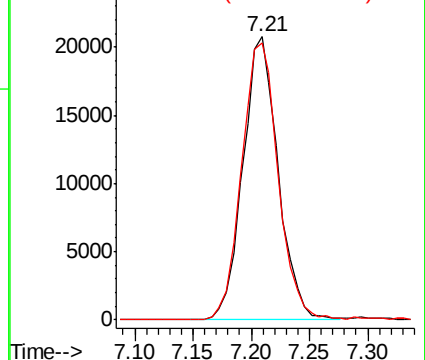
130 100

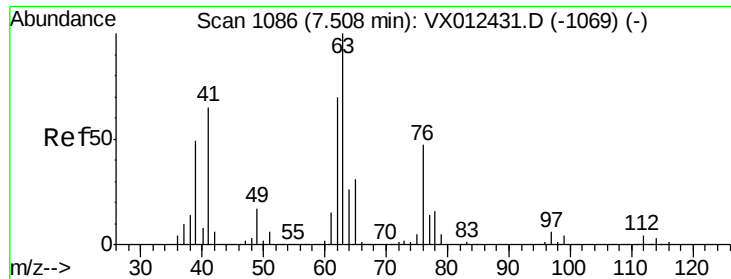
95 98.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.492 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

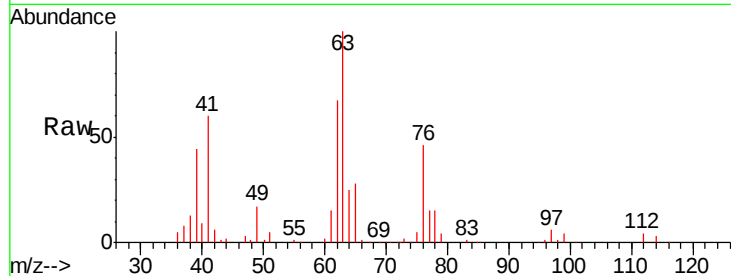
VX0924WBS01

Tgt Ion: 63 Resp: 44810

Ion Ratio Lower Upper

63 100

65 28.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

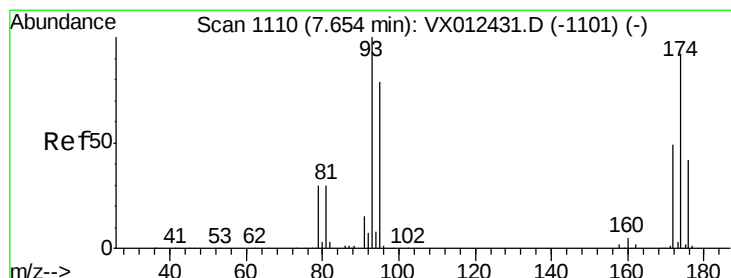
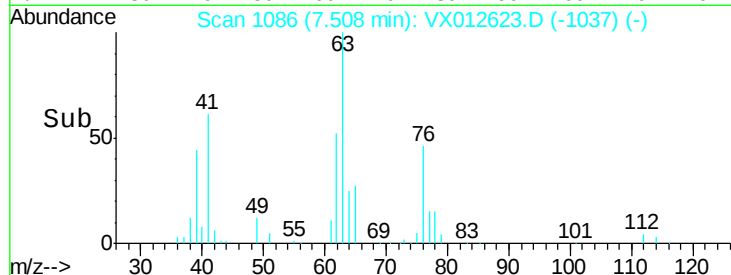
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.004 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

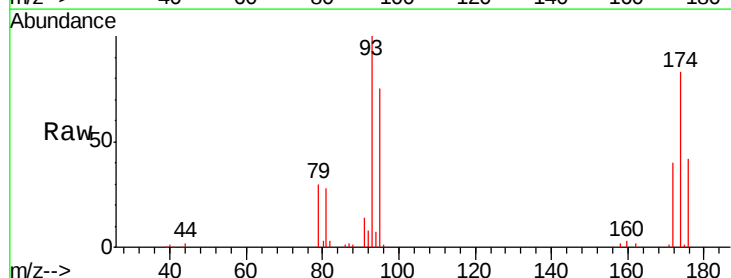
Tgt Ion: 93 Resp: 29704

Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

174 91.3 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

15000

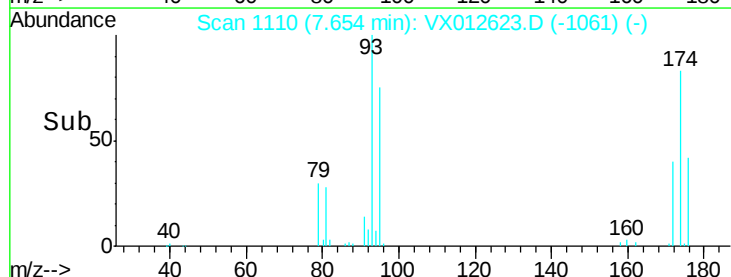
10000

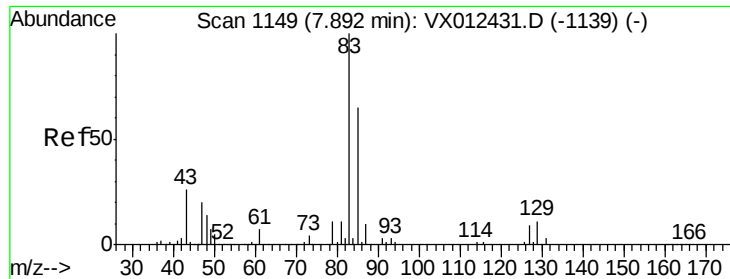
5000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 17.616 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0924WBS01

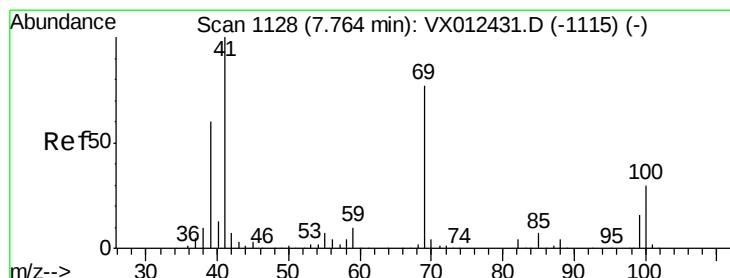
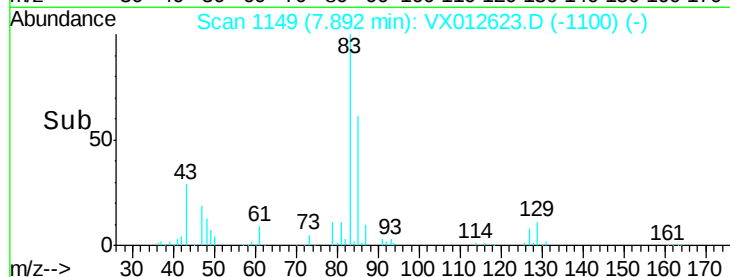
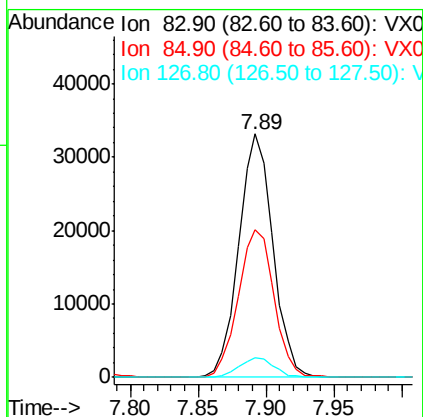
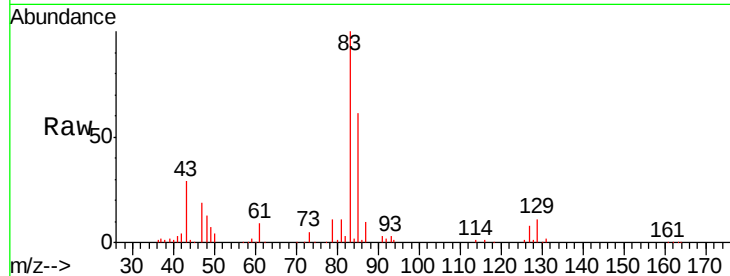
Tgt Ion: 83 Resp: 58089

Ion Ratio Lower Upper

83 100

85 60.6 51.8 77.6

127 7.8 7.3 10.9



#48

Methyl methacrylate

Concen: 18.166 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

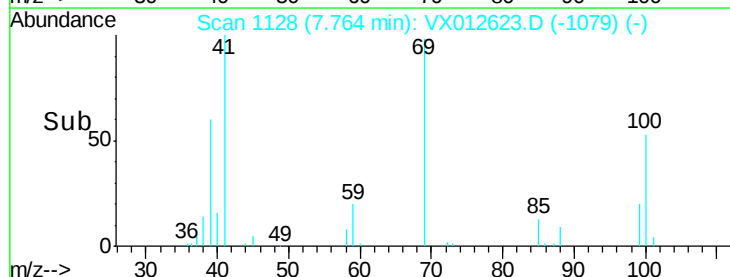
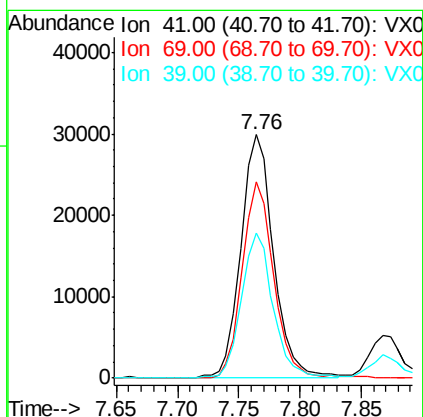
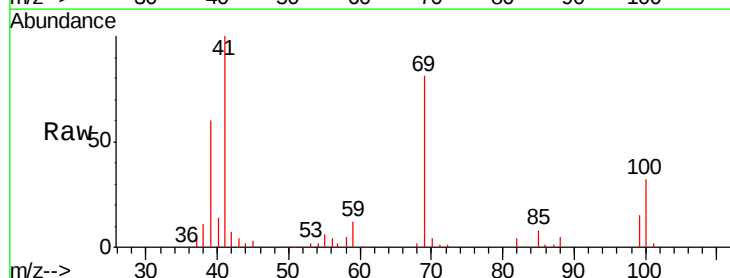
Tgt Ion: 41 Resp: 54784

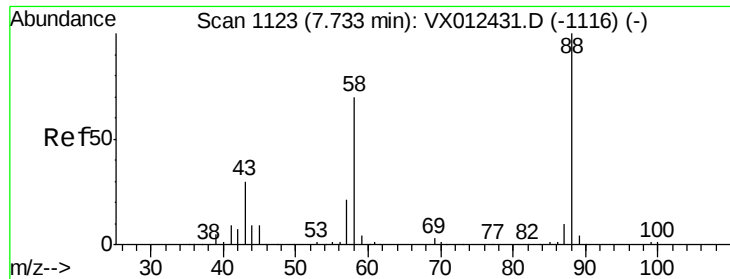
Ion Ratio Lower Upper

41 100

69 79.7 59.9 89.9

39 58.7 47.8 71.6

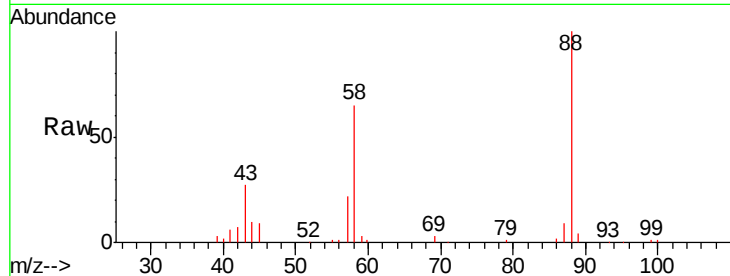




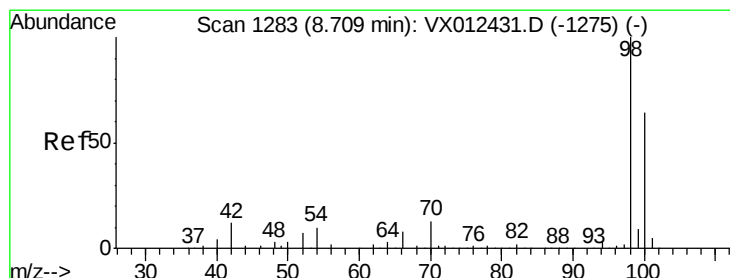
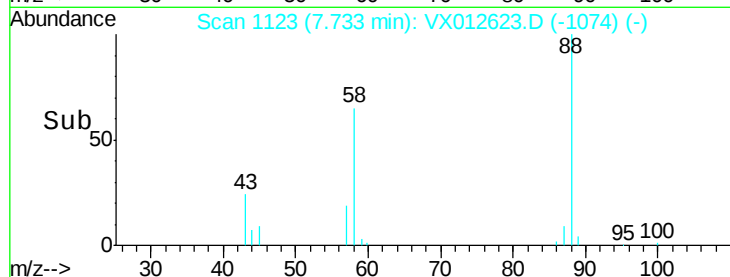
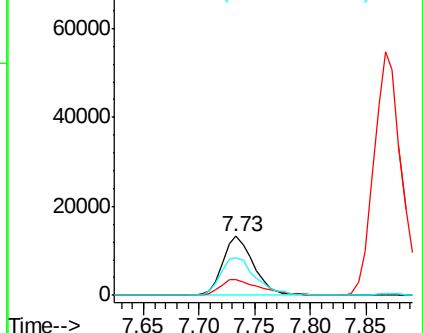
#49
1,4-Dioxane
Concen: 377.906 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion: 88 Resp: 25849
Ion Ratio Lower Upper
88 100
43 34.4 29.4 44.0
58 70.8 57.5 86.3

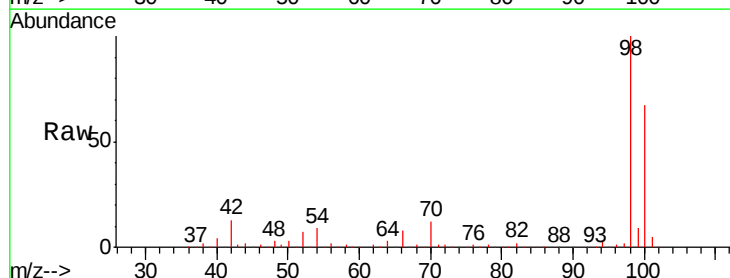


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

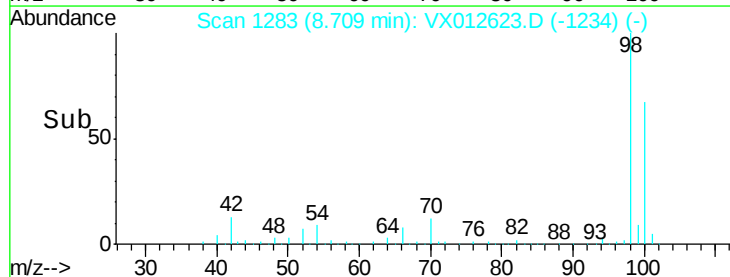
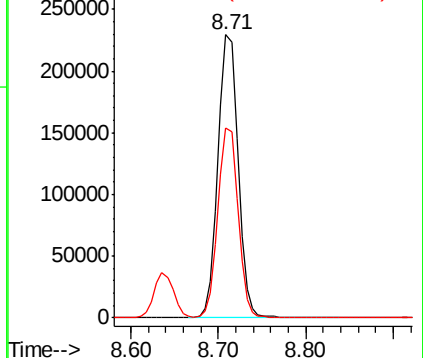


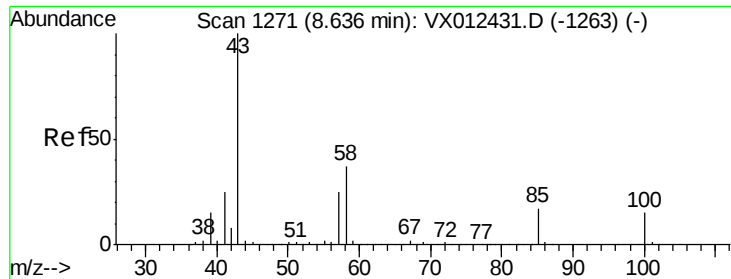
#50
Toluene-d8
Concen: 48.041 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 98 Resp: 367711
Ion Ratio Lower Upper
98 100
100 66.8 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: 92.706 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

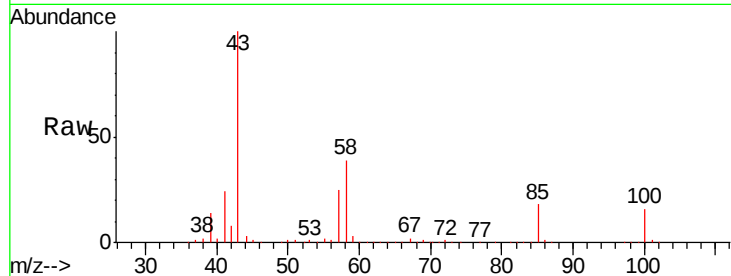
VX0924WBS01

Tgt Ion: 43 Resp: 359909

Ion Ratio Lower Upper

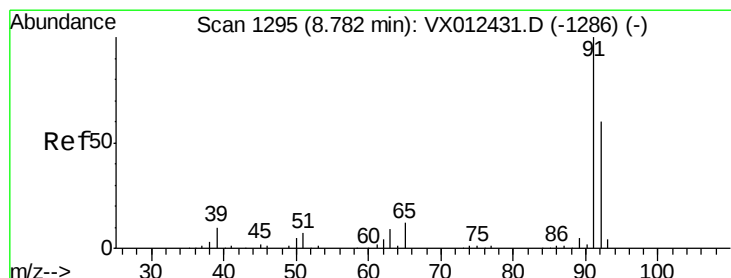
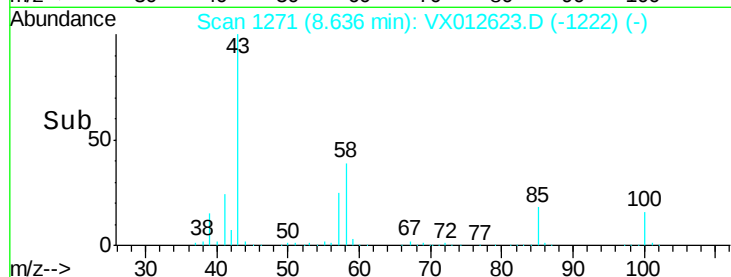
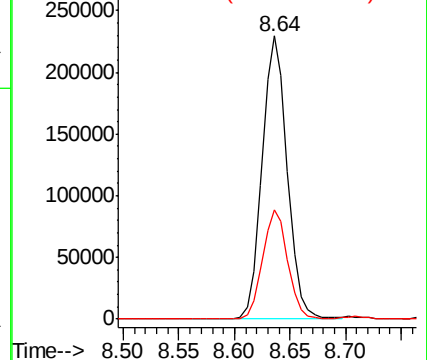
43 100

58 38.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.305 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012623.D

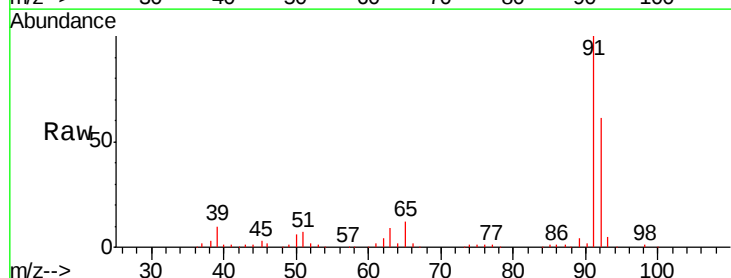
Acq: 24 Sep 2019 11:26

Tgt Ion: 92 Resp: 108890

Ion Ratio Lower Upper

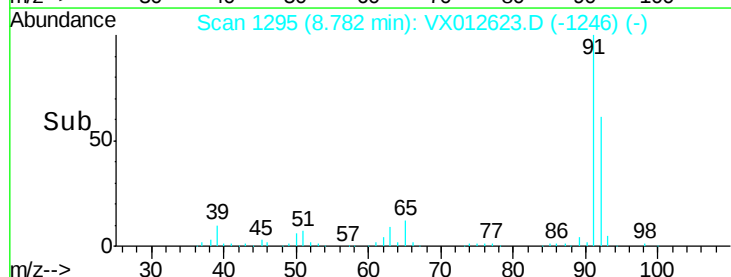
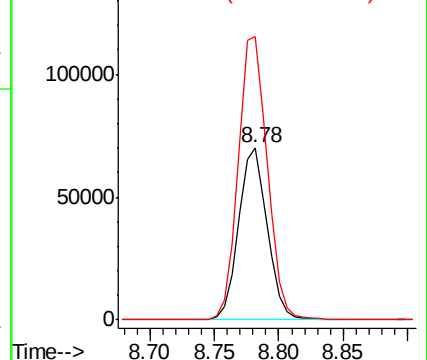
92 100

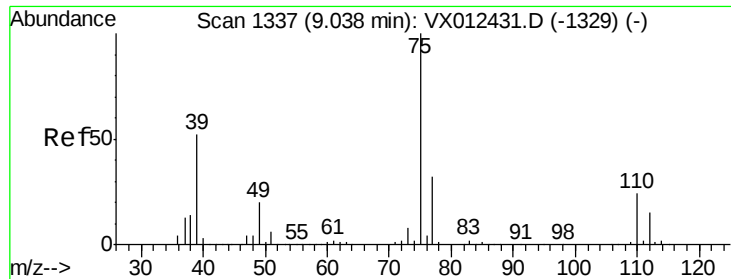
91 167.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

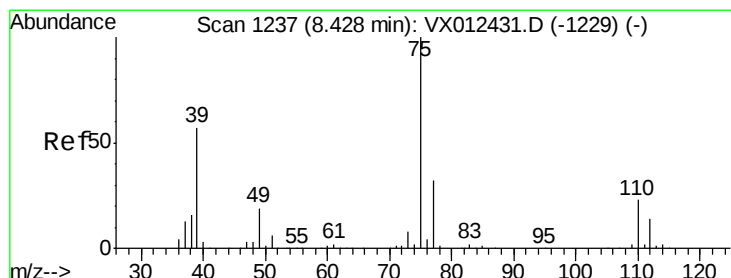
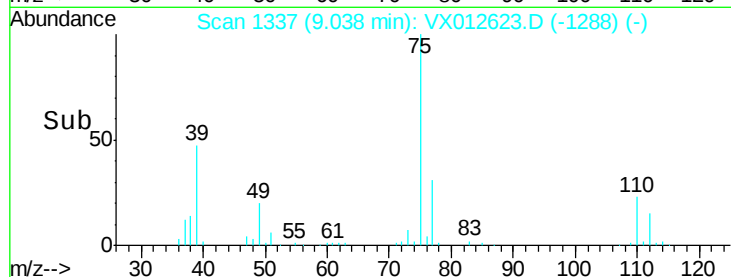
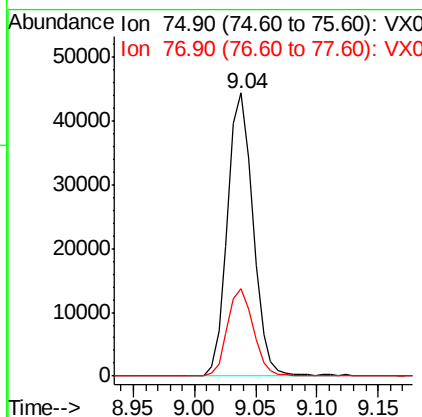
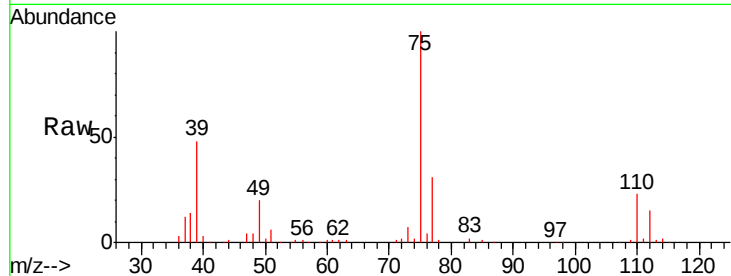




#53
 t-1,3-Dichloropropene
 Concen: 17.697 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

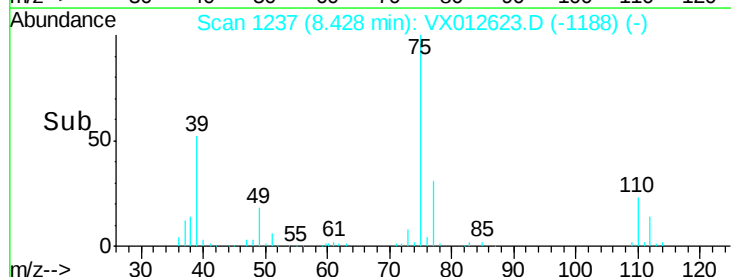
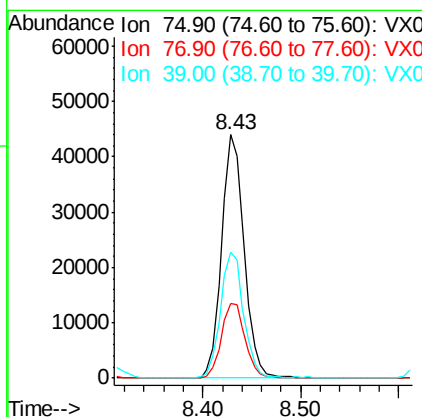
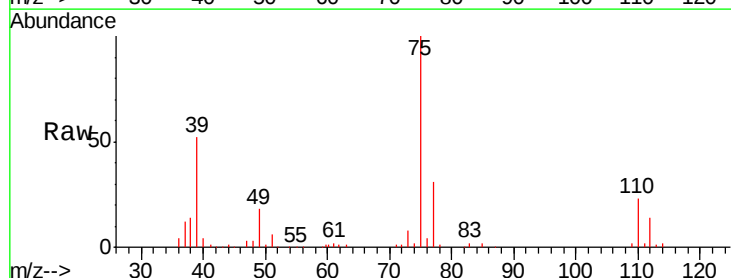
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

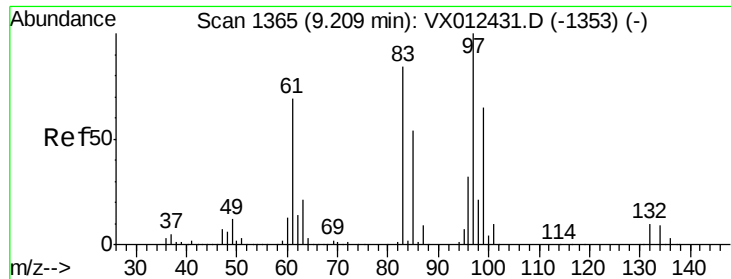
Tgt Ion: 75 Resp: 64565
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.672 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 75 Resp: 70395
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 51.7 45.5 68.3

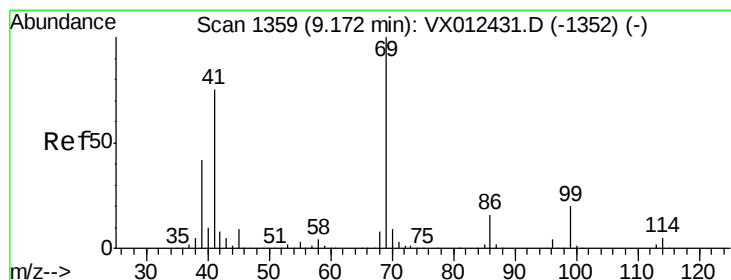
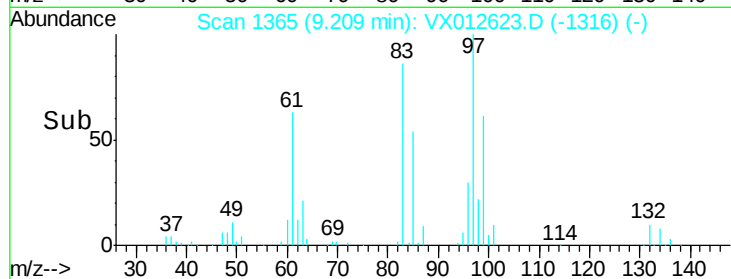
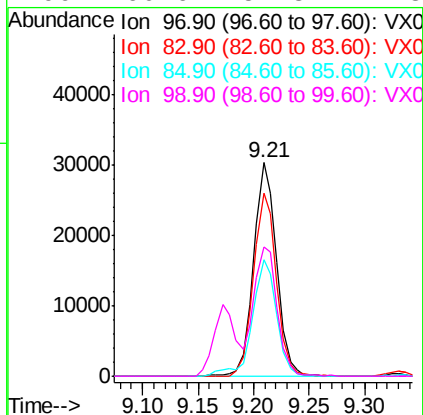
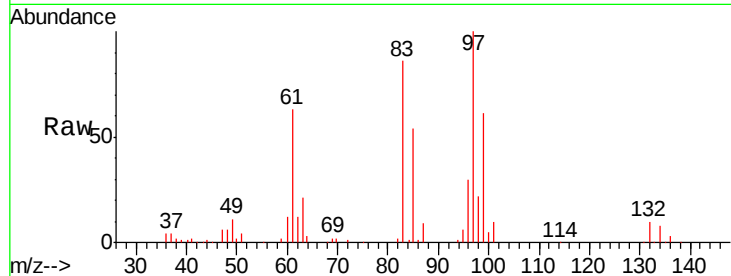




#55
 1,1,2-Trichloroethane
 Concen: 18.452 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

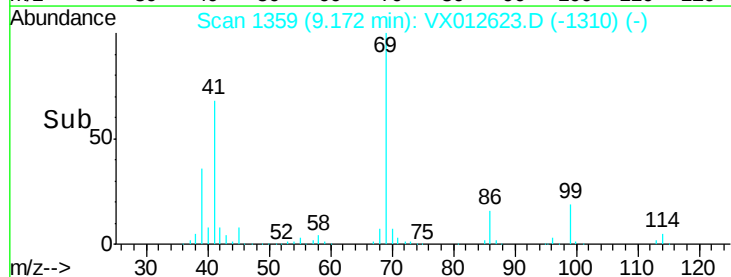
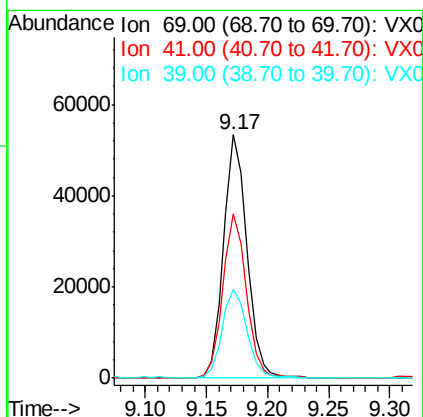
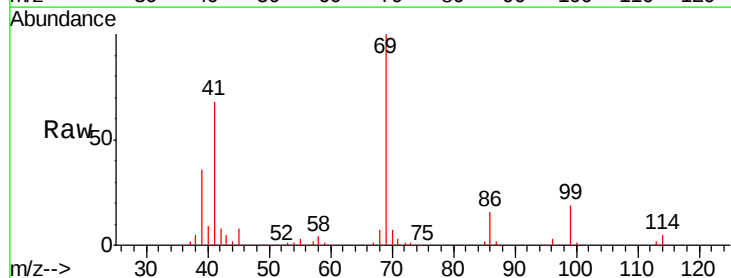
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

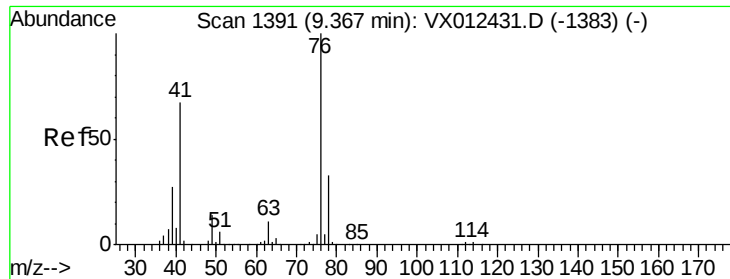
Tgt Ion:	97	Resp:	43640
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.4	101.2
85	54.3	43.5	65.3
99	60.6	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 17.894 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion:	69	Resp:	71098
Ion	Ratio	Lower	Upper
69	100		
41	68.7	58.4	87.6
39	39.3	33.4	50.0

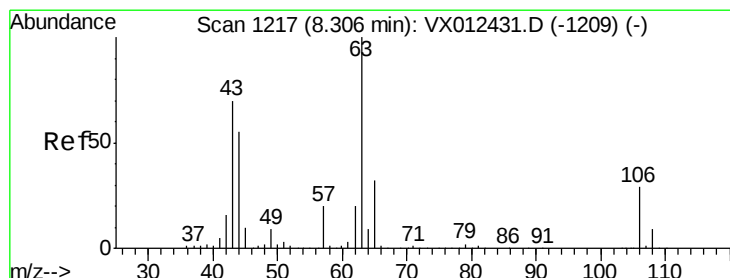
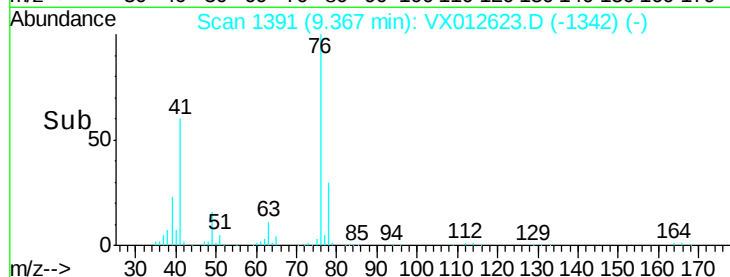
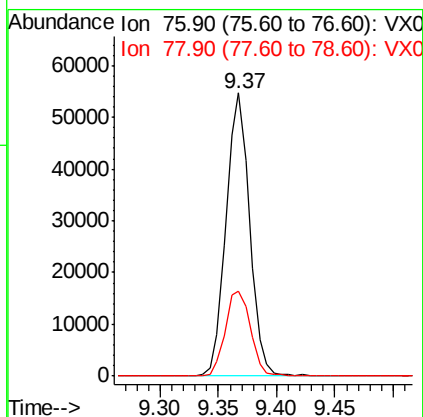
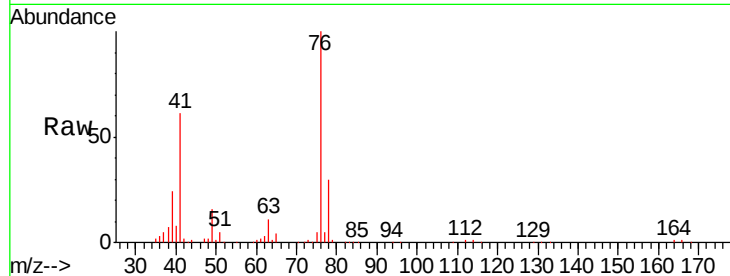




#57
 1,3-Dichloropropane
 Concen: 18.632 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

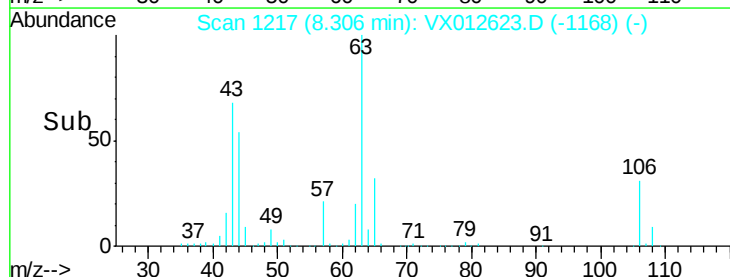
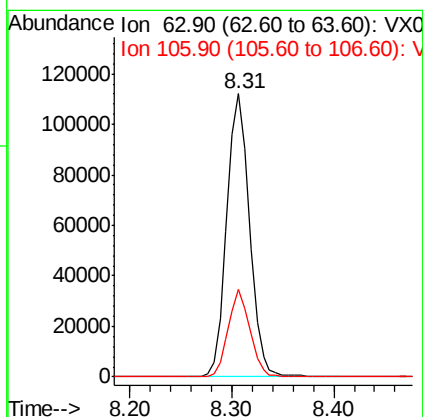
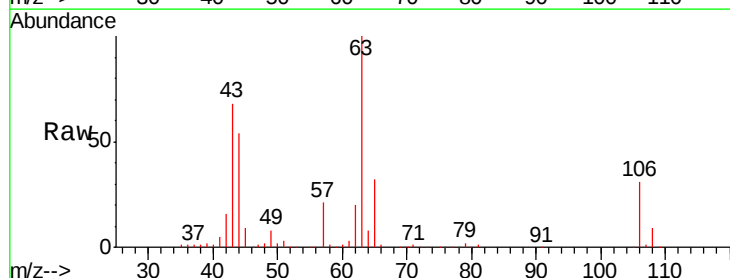
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

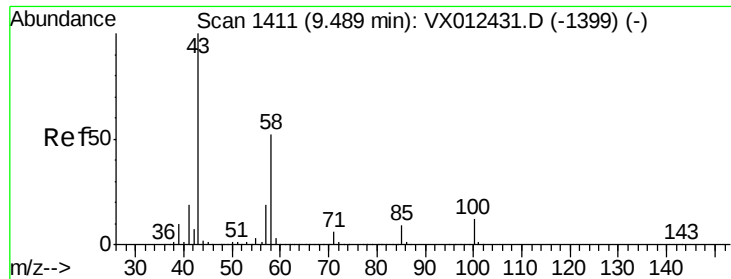
Tgt Ion: 76 Resp: 77121
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.321 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 63 Resp: 173571
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.6

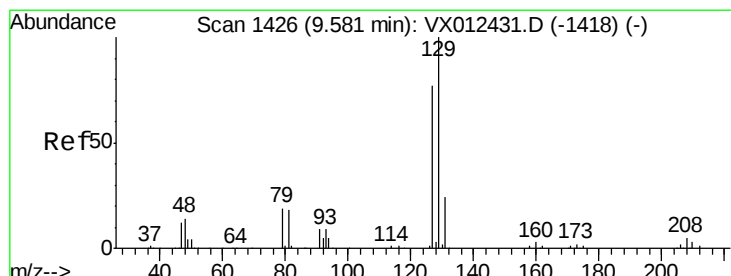
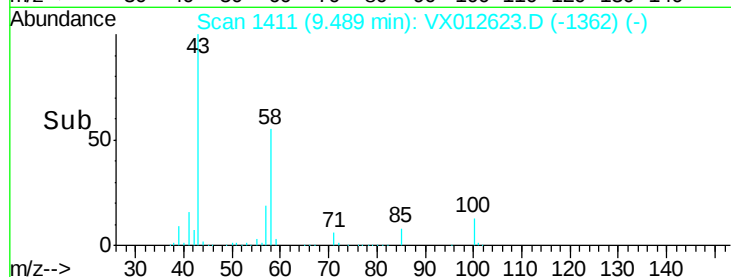
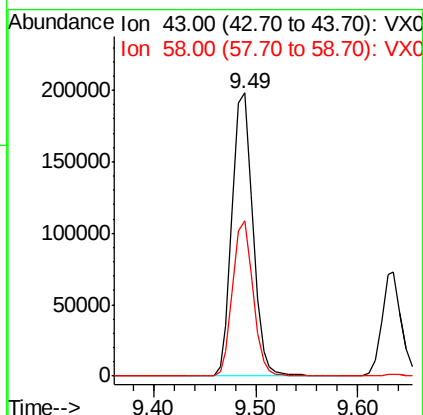
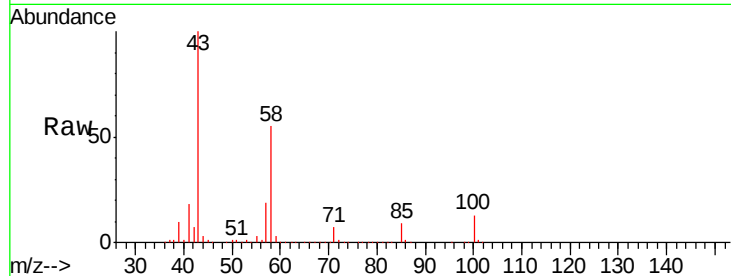




#59
2-Hexanone
Concen: 94.064 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

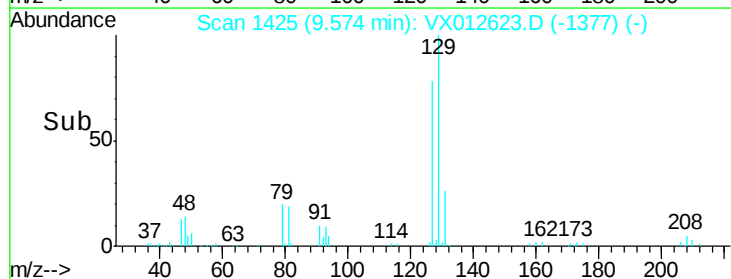
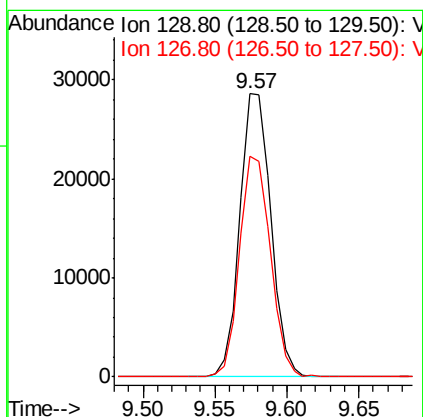
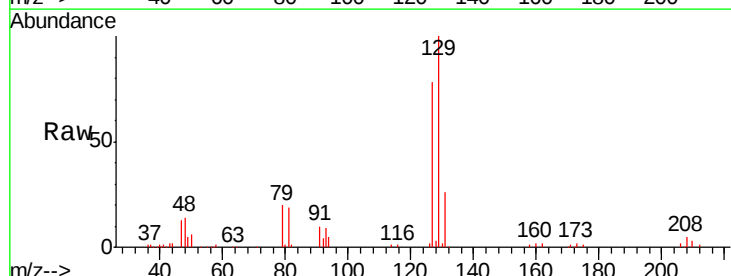
Instrument :
MSVOA_X
ClientSampled :
VX0924WBS01

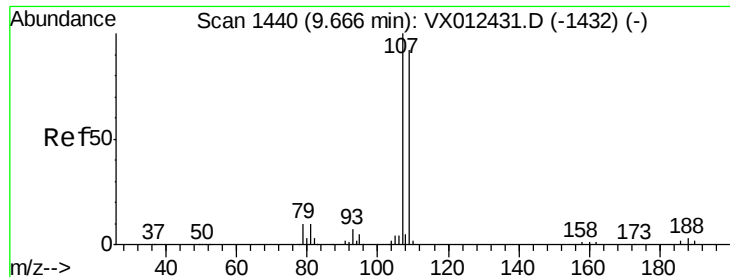
Tgt Ion: 43 Resp: 279522
Ion Ratio Lower Upper
43 100
58 53.9 25.7 77.1



#60
Dibromochloromethane
Concen: 17.868 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 129 Resp: 42777
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.286 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

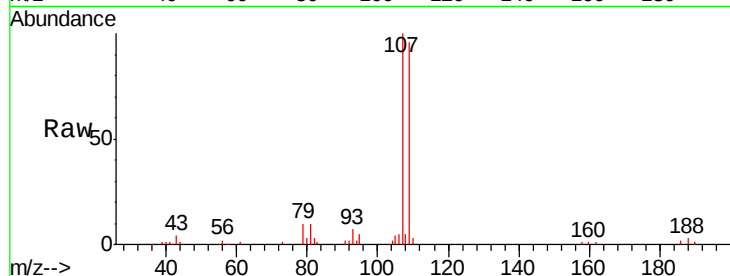
VX0924WBS01

Tgt Ion: 107 Resp: 45008

Ion Ratio Lower Upper

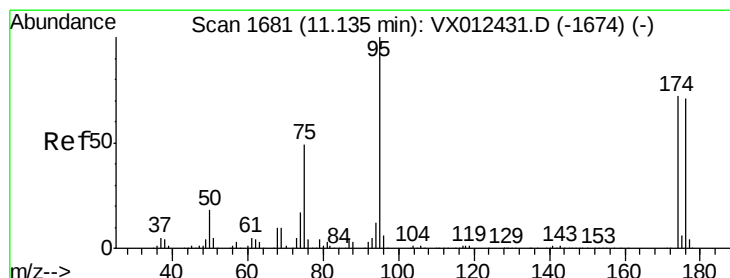
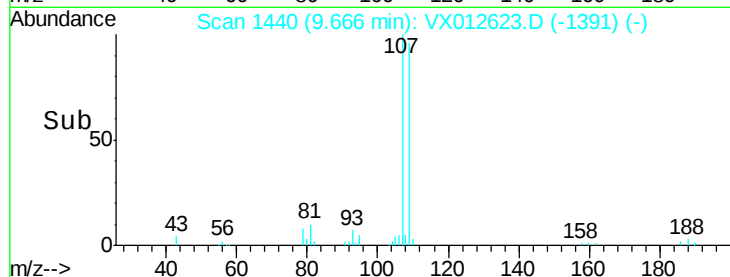
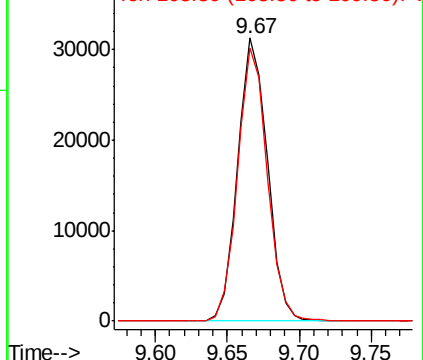
107 100

109 95.8 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: 46.319 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

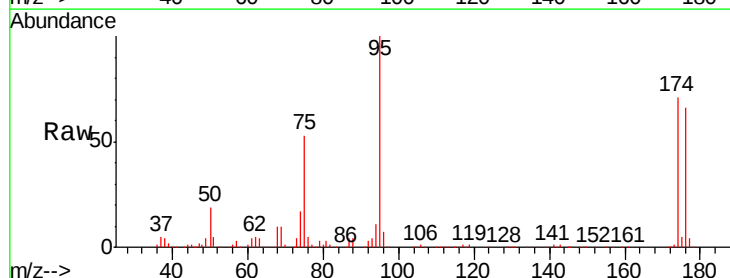
Tgt Ion: 95 Resp: 139403

Ion Ratio Lower Upper

95 100

174 67.4 0.0 140.0

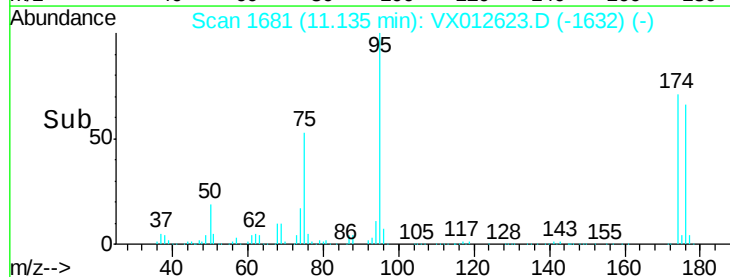
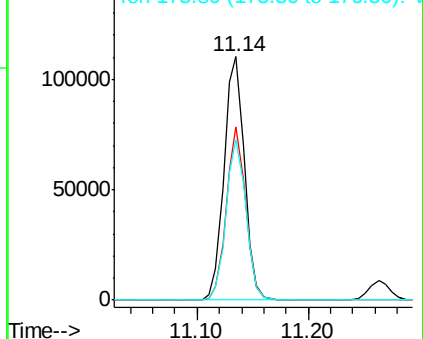
176 64.7 0.0 135.4

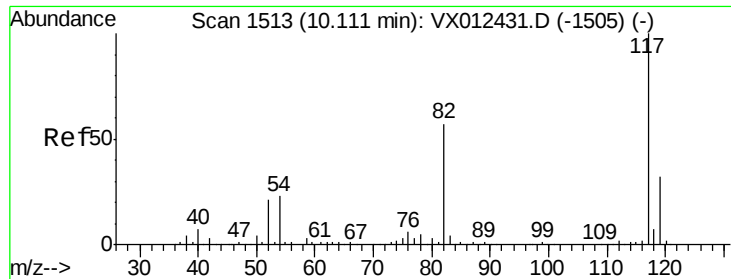


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

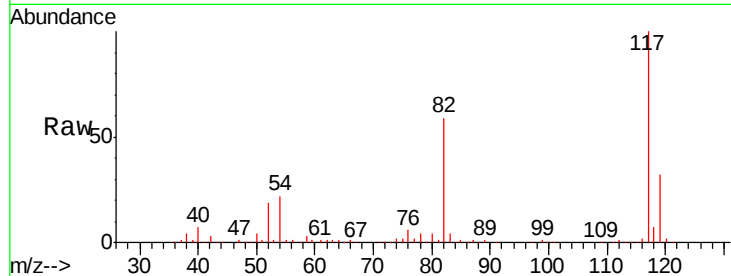




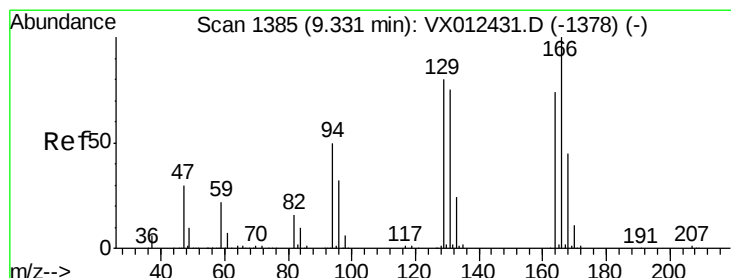
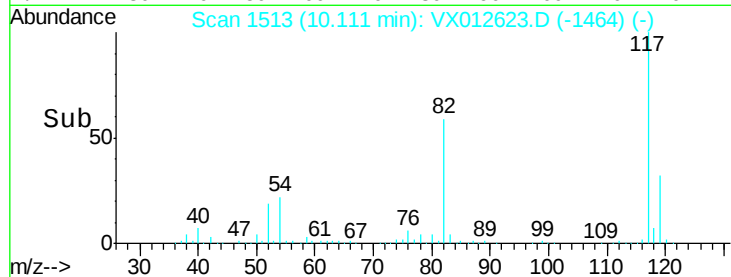
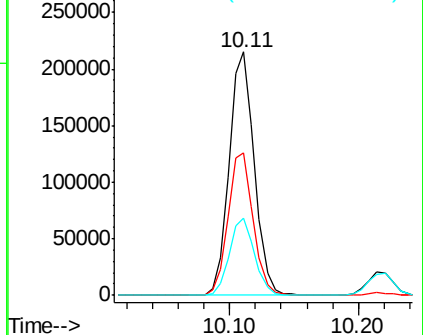
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion:117 Resp: 294315
Ion Ratio Lower Upper
117 100
82 58.7 45.9 68.9
119 31.6 25.3 37.9



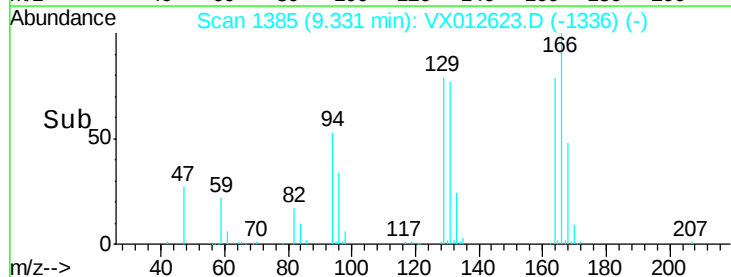
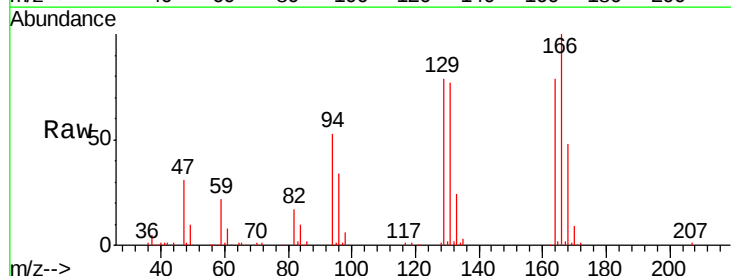
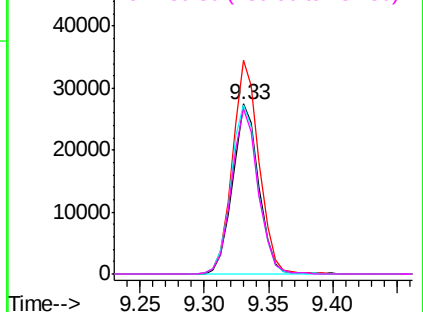
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

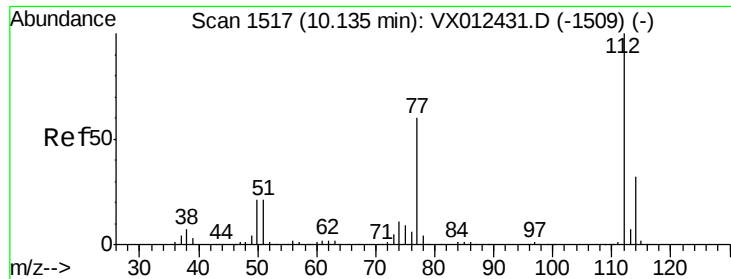


#64
Tetrachloroethene
Concen: 19.037 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion:164 Resp: 39065
Ion Ratio Lower Upper
164 100
166 125.8 107.8 161.6
129 99.9 86.2 129.2
131 96.9 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

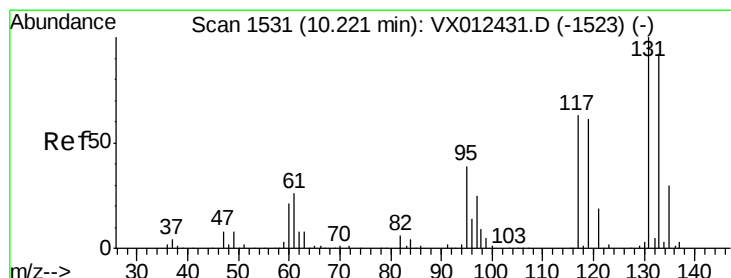
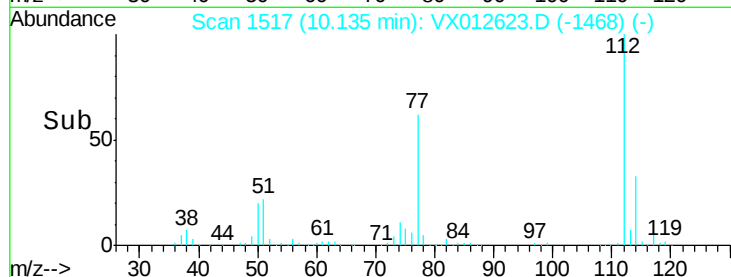
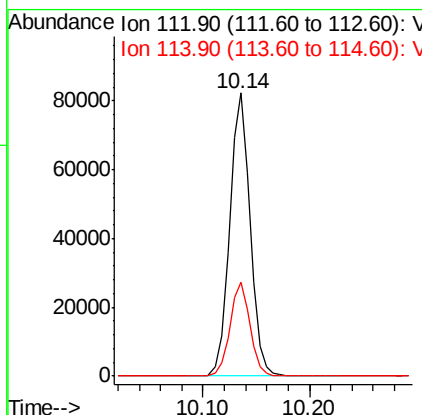
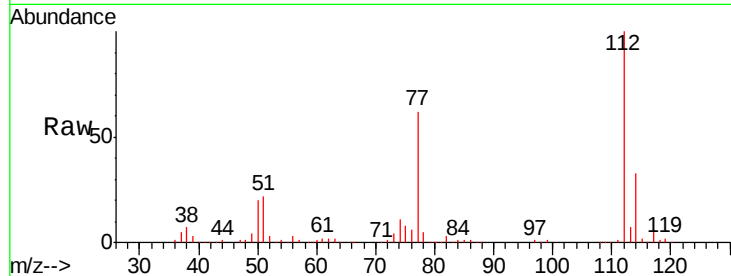




#65
Chlorobenzene
Concen: 17.884 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

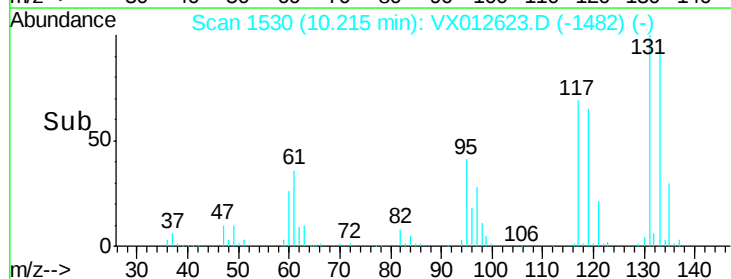
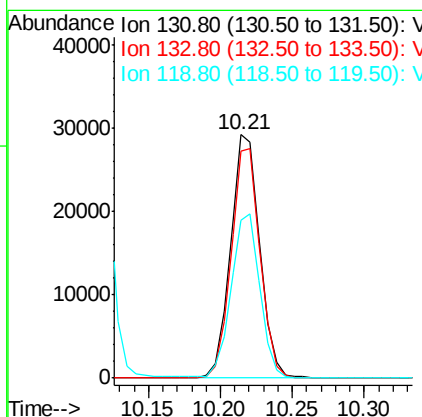
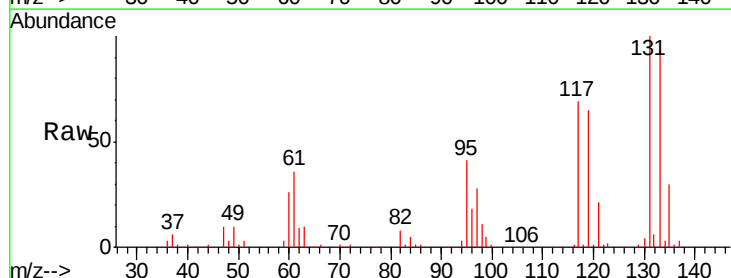
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

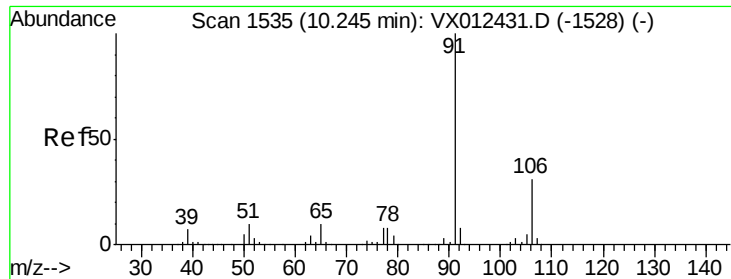
Tgt Ion:112 Resp: 110840
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.397 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion:131 Resp: 41312
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 66.7 31.3 93.8

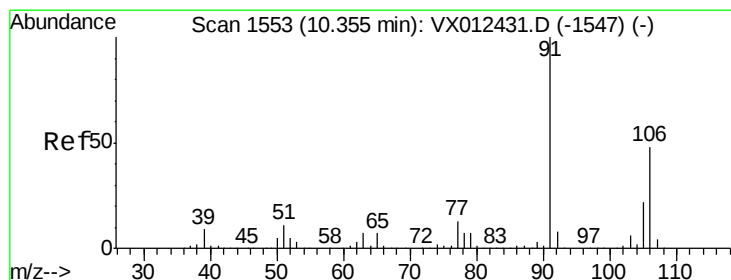
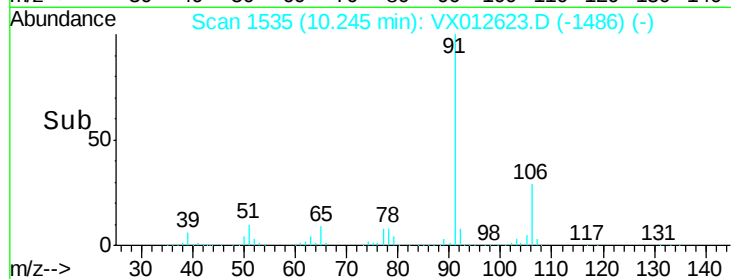
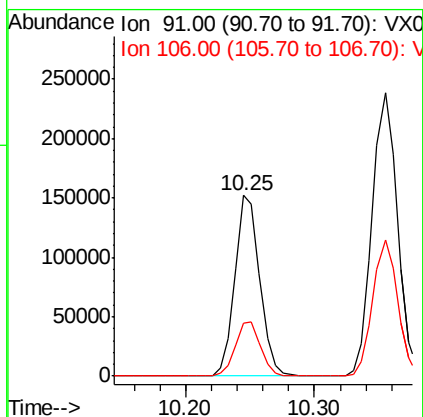
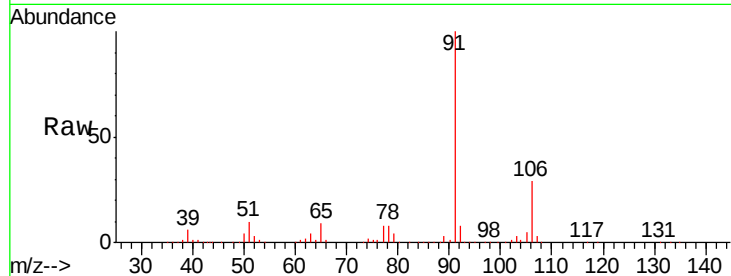




#67
Ethyl Benzene
Concen: 18.260 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

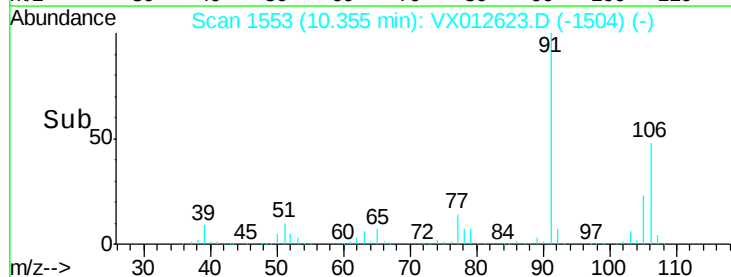
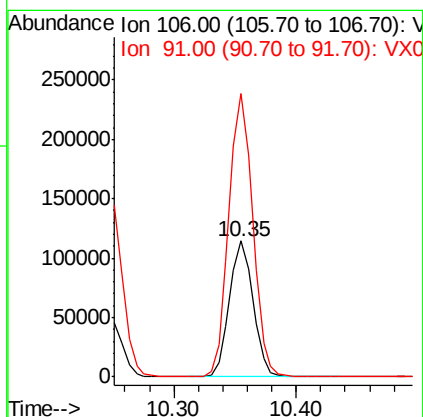
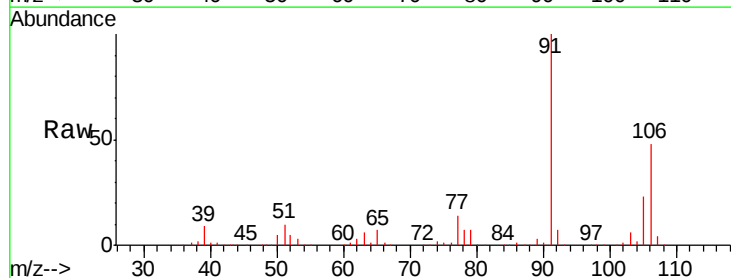
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

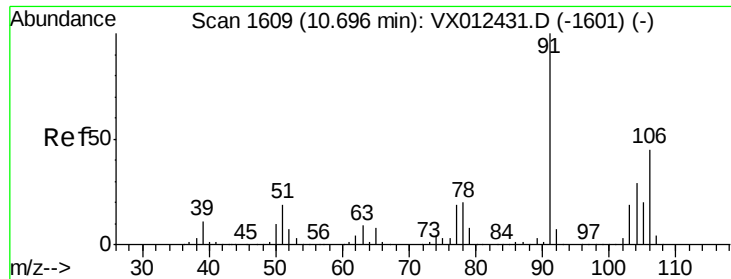
Tgt Ion: 91 Resp: 205260
Ion Ratio Lower Upper
91 100
106 29.2 24.6 37.0



#68
m/p-Xylenes
Concen: 36.332 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 106 Resp: 152989
Ion Ratio Lower Upper
106 100
91 211.3 166.6 250.0

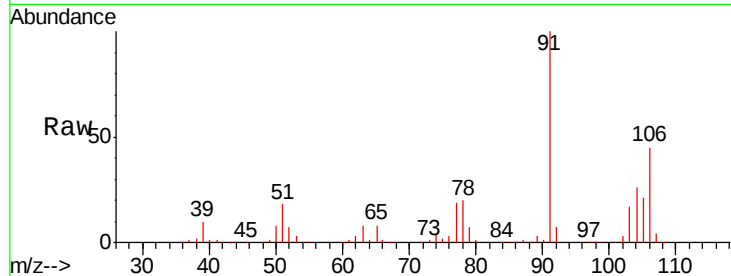




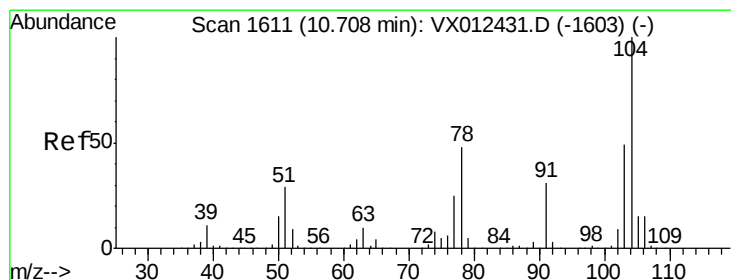
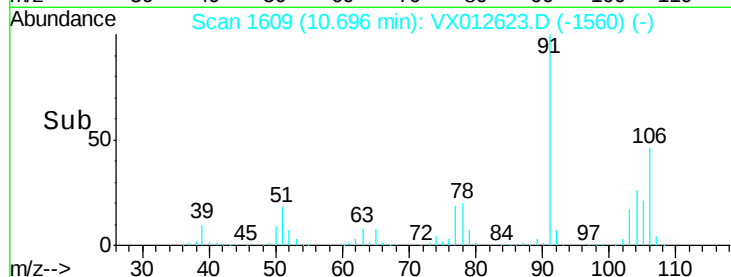
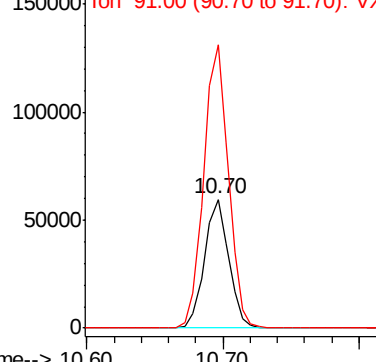
#69
o-Xylene
Concen: 18.119 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampled :
VX0924WBS01

Tgt Ion:106 Resp: 73825
Ion Ratio Lower Upper
106 100
91 224.2 109.4 328.2

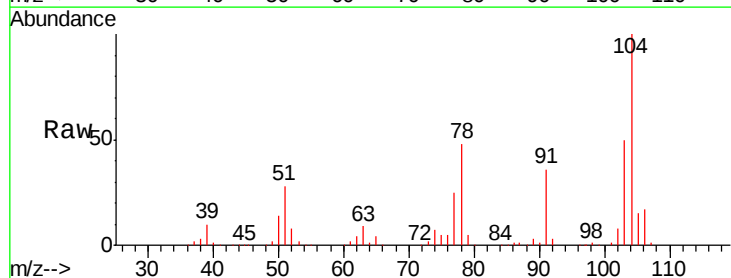


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

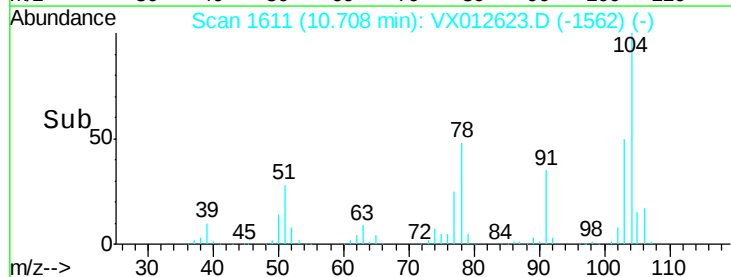
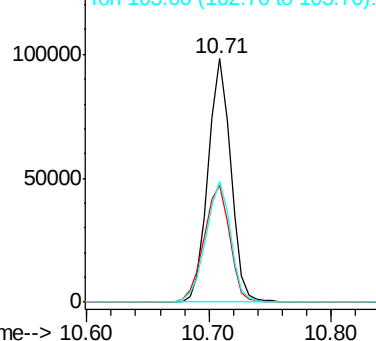


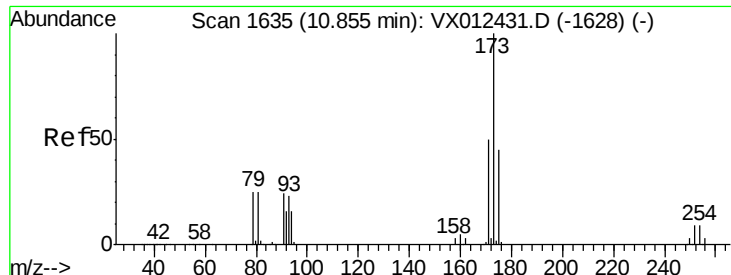
#70
Styrene
Concen: 18.438 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion:104 Resp: 125946
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 53.7 43.3 64.9



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





#71

Bromoform

Concen: 17.926 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0924WBS01

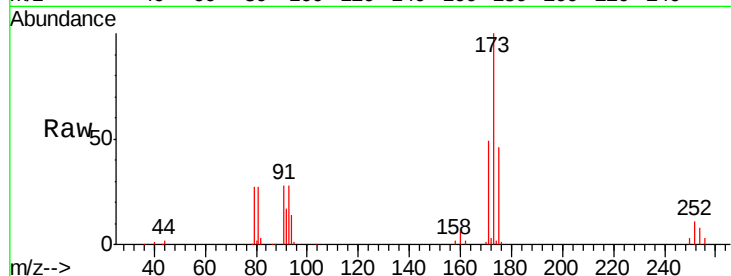
Tgt Ion:173 Resp: 28029

Ion Ratio Lower Upper

173 100

175 46.2 23.7 71.1

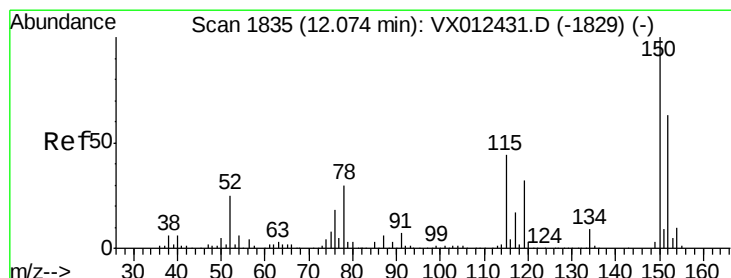
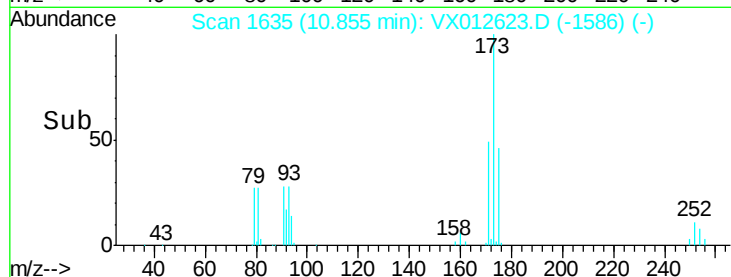
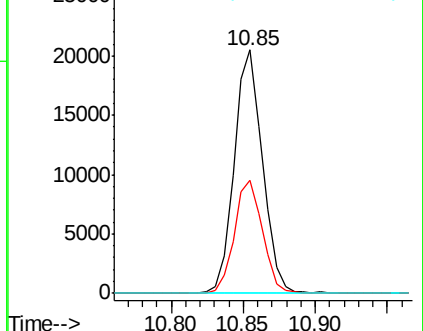
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

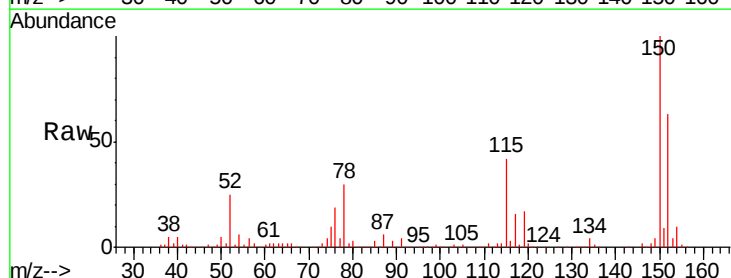
Tgt Ion:152 Resp: 126686

Ion Ratio Lower Upper

152 100

115 76.4 44.1 132.3

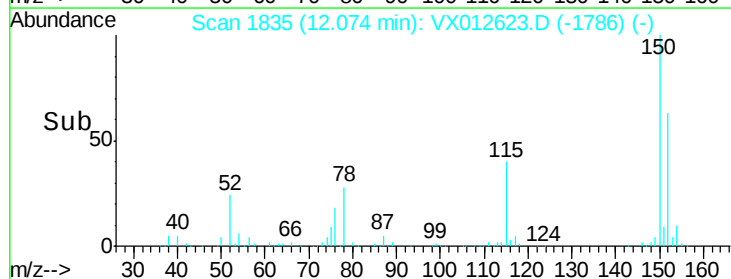
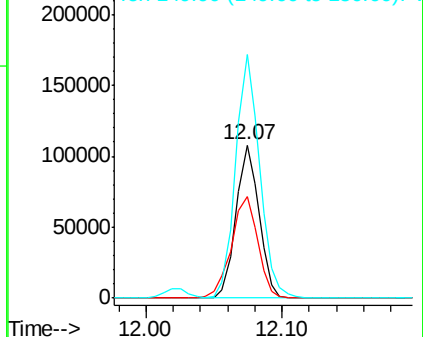
150 166.7 0.0 343.8

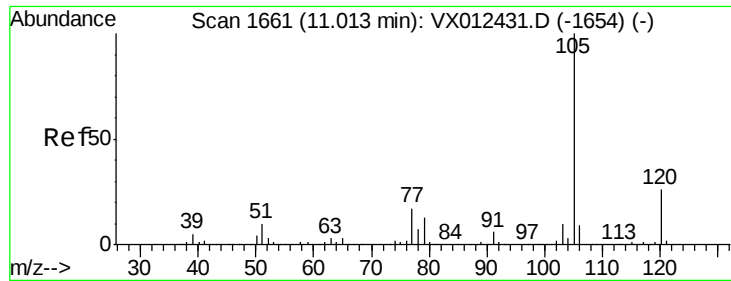


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.397 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

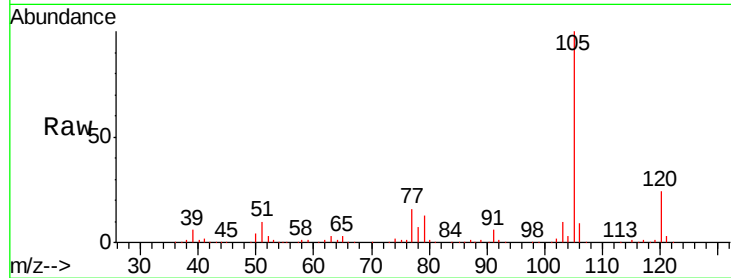
VX0924WBS01

Tgt Ion: 105 Resp: 200143

Ion Ratio Lower Upper

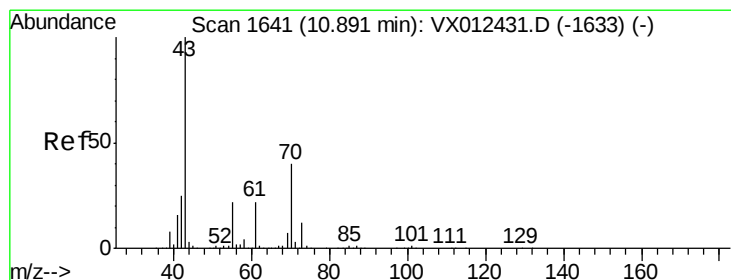
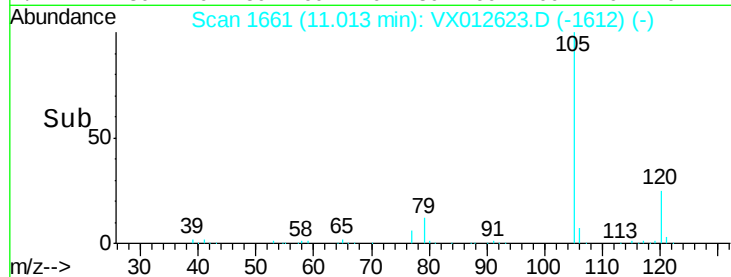
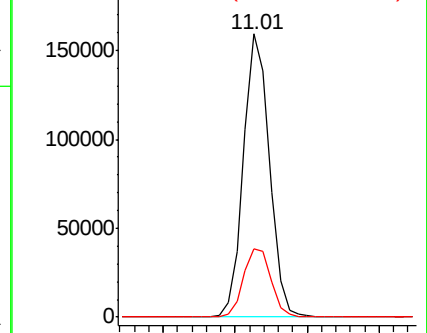
105 100

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: 18.548 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Tgt Ion: 43 Resp: 91302

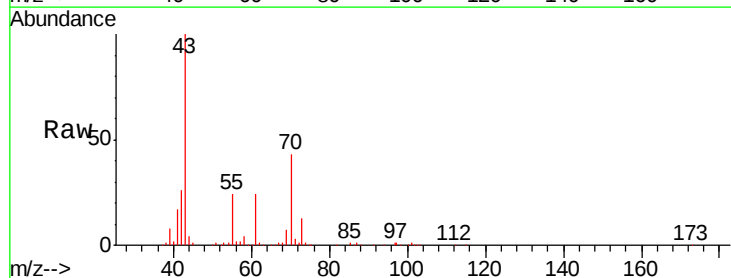
Ion Ratio Lower Upper

43 100

70 43.3 32.4 48.6

55 24.4 18.2 27.4

61 24.2 18.5 27.7

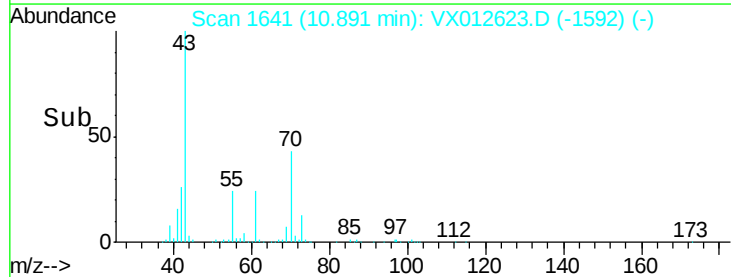
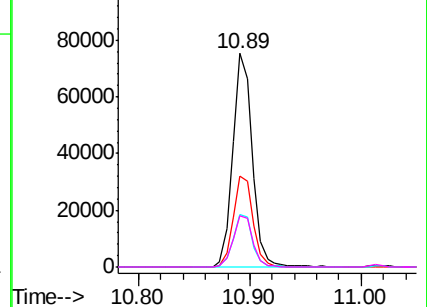


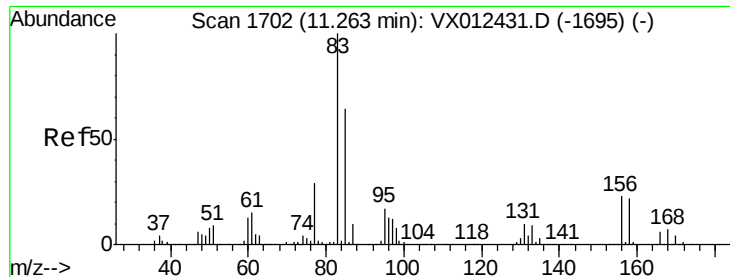
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.142 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0924WBS01

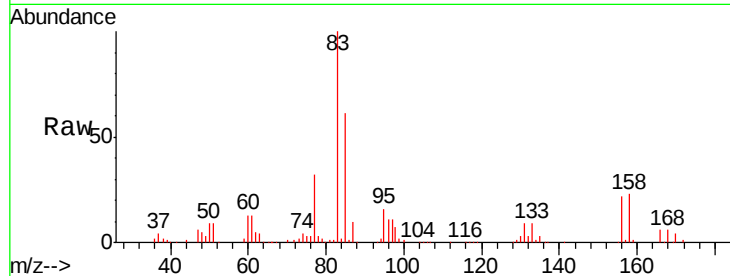
Tgt Ion: 83 Resp: 68830

Ion Ratio Lower Upper

83 100

131 9.7 5.2 15.6

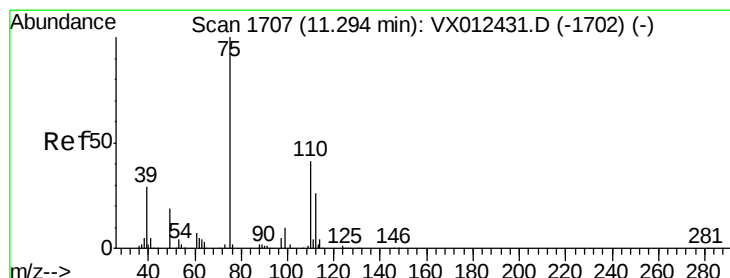
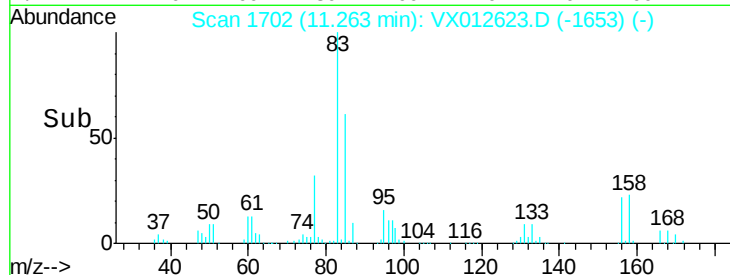
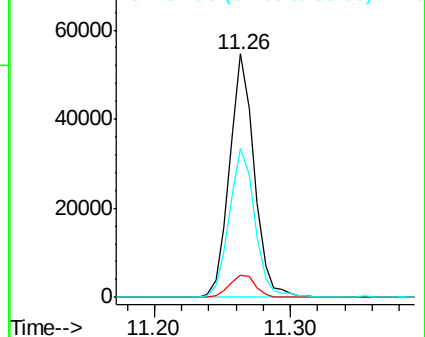
85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.099 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012623.D

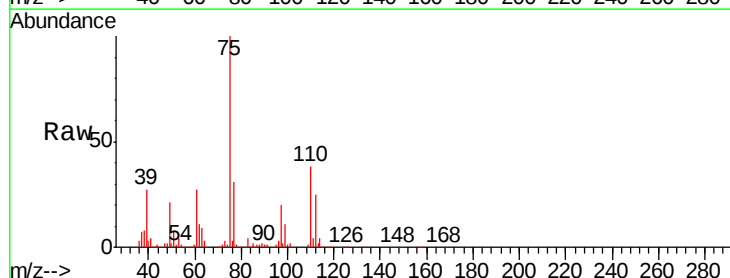
Acq: 24 Sep 2019 11:26

Tgt Ion: 75 Resp: 77409

Ion Ratio Lower Upper

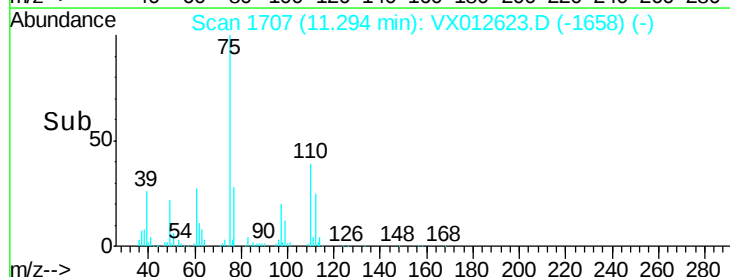
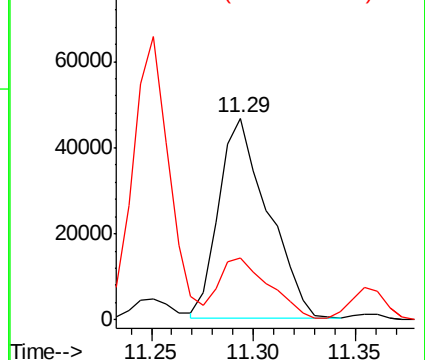
75 100

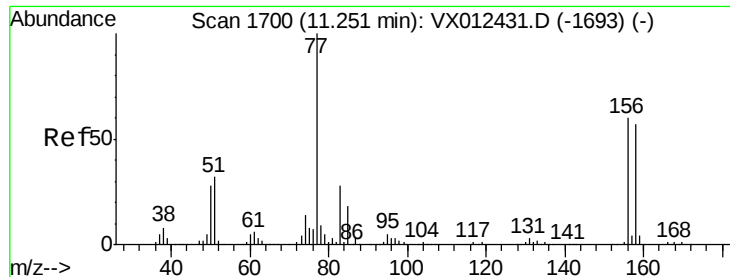
77 32.1 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.102 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

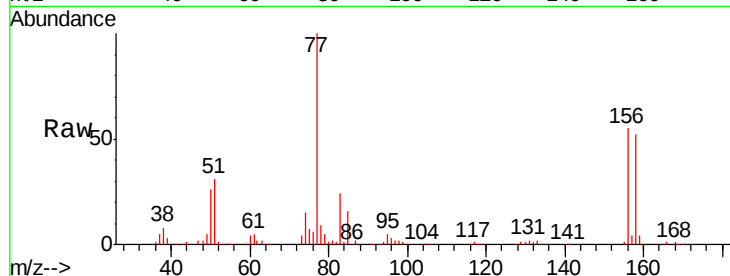
Tgt Ion:156 Resp: 44609

Ion Ratio Lower Upper

156 100

77 183.4 87.3 261.8

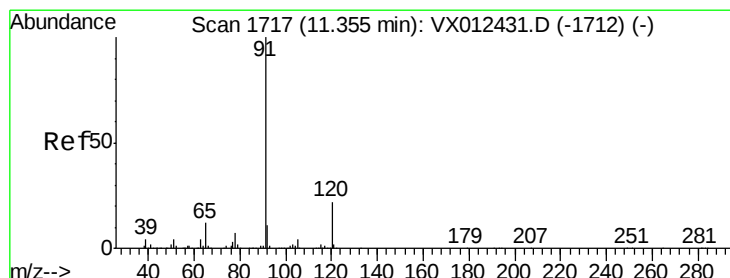
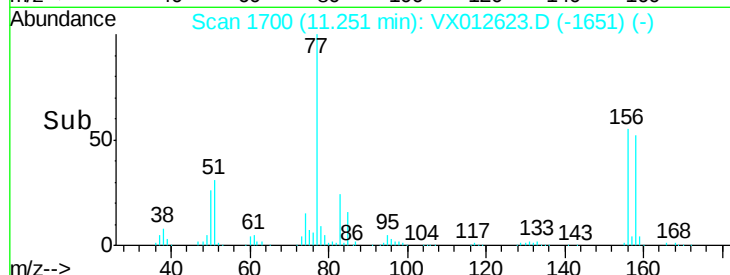
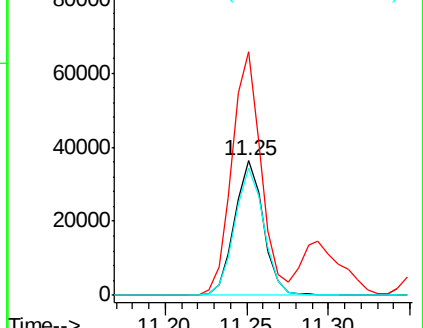
158 96.3 48.5 145.6



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: 18.864 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012623.D

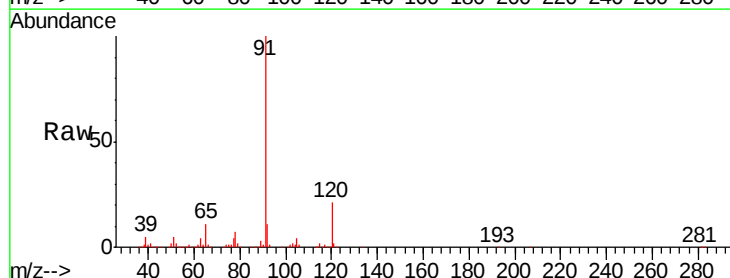
Acq: 24 Sep 2019 11:26

Tgt Ion: 91 Resp: 219133

Ion Ratio Lower Upper

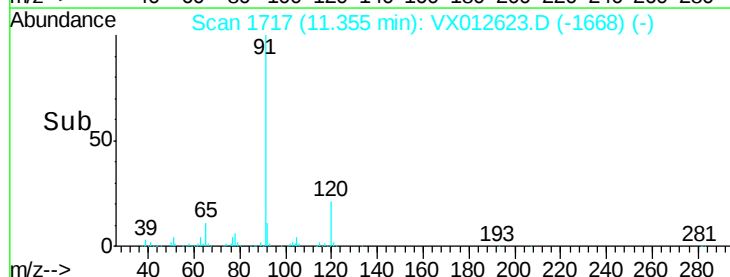
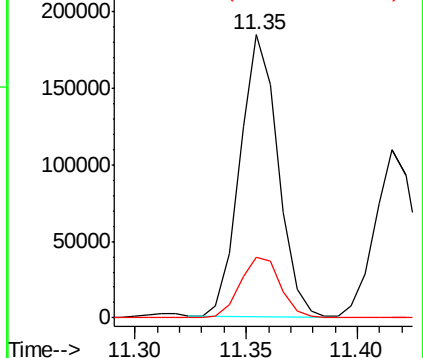
91 100

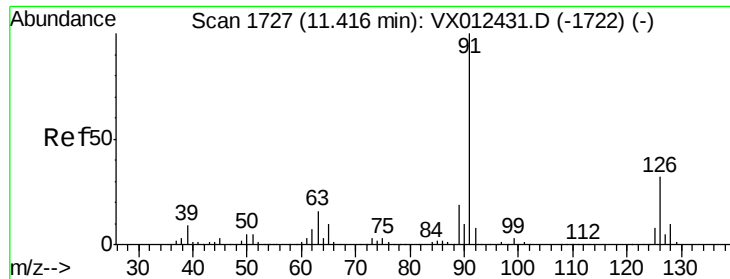
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

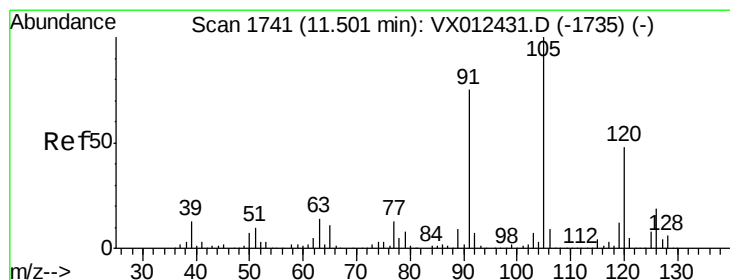
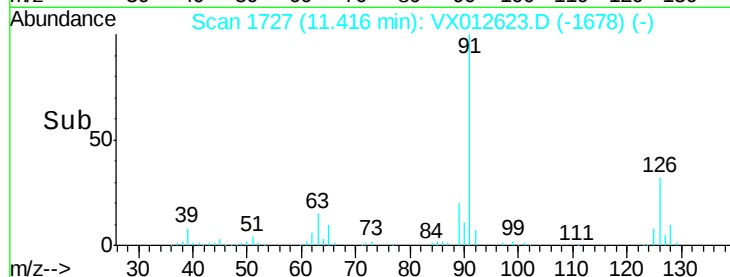
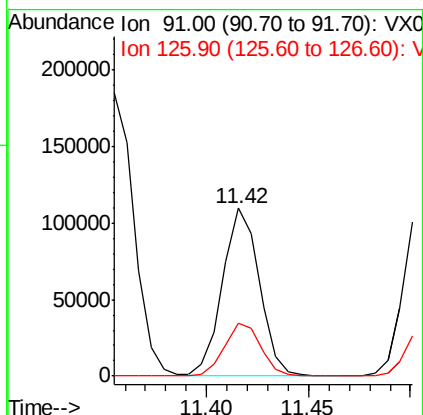
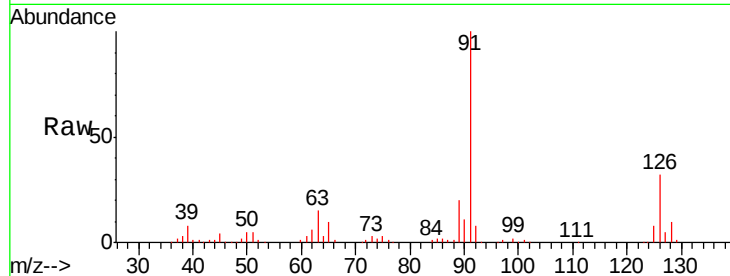




#79
 2-Chlorotoluene
 Concen: 18.732 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

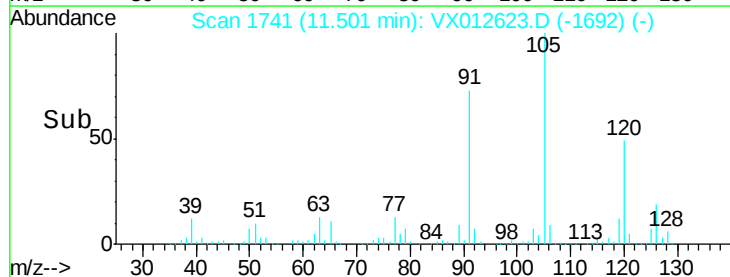
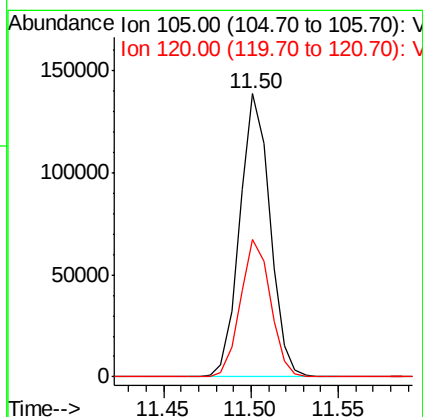
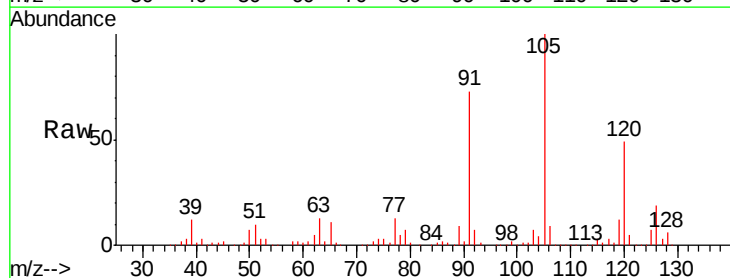
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

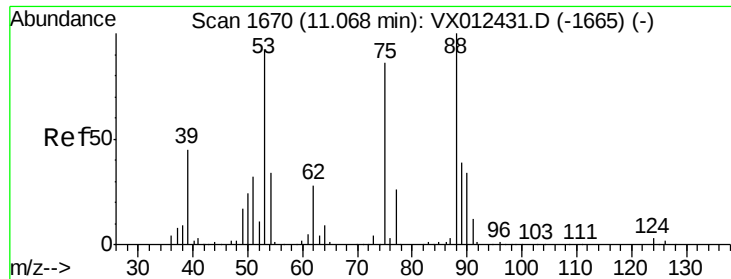
Tgt Ion: 91 Resp: 135744
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.281 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 105 Resp: 166831
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.618 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0924WBS01

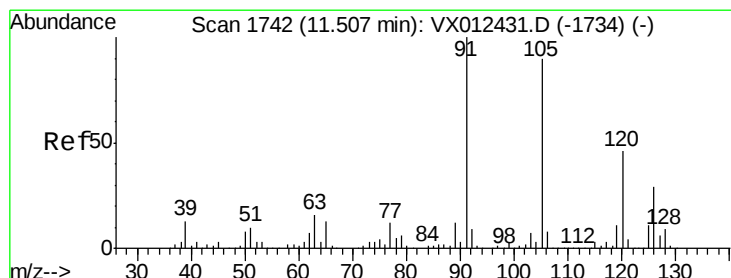
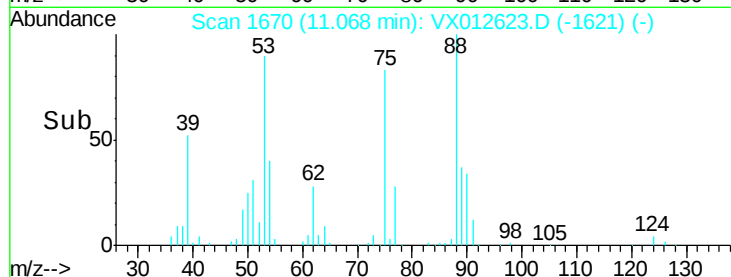
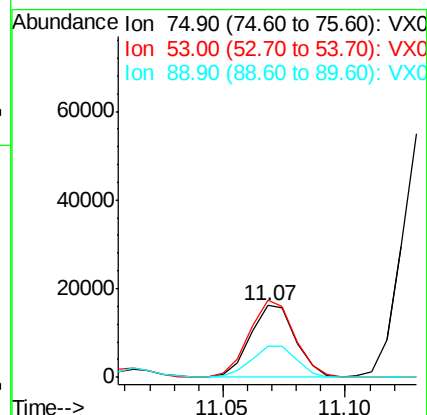
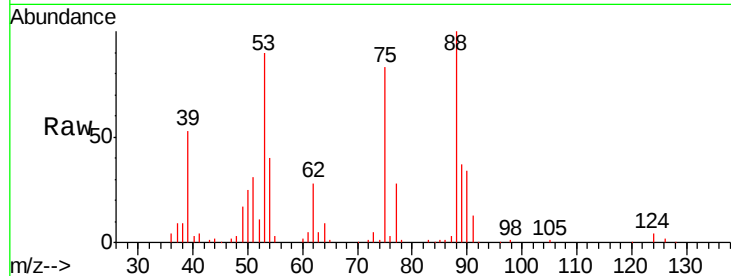
Tgt Ion: 75 Resp: 20602

Ion Ratio Lower Upper

75 100

53 108.7 83.6 125.4

89 44.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.052 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012623.D

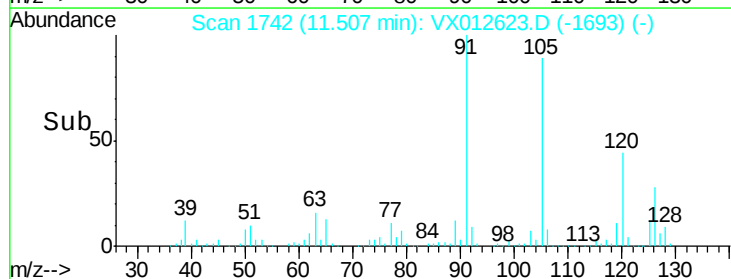
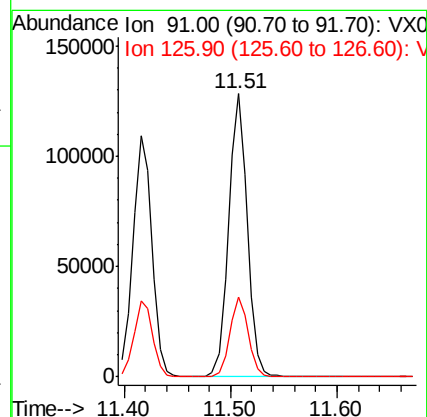
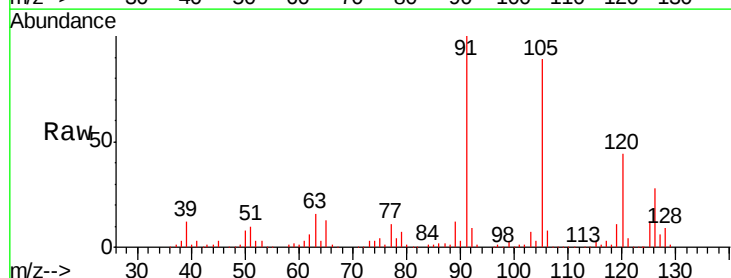
Acq: 24 Sep 2019 11:26

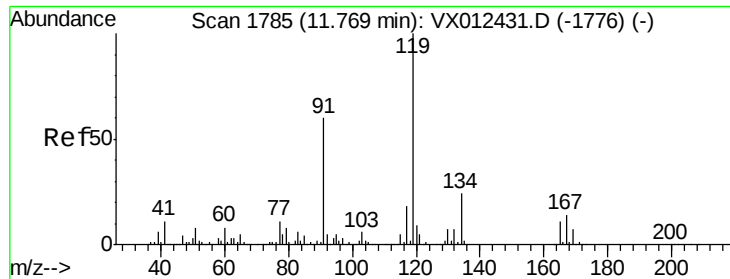
Tgt Ion: 91 Resp: 157387

Ion Ratio Lower Upper

91 100

126 28.0 14.4 43.0

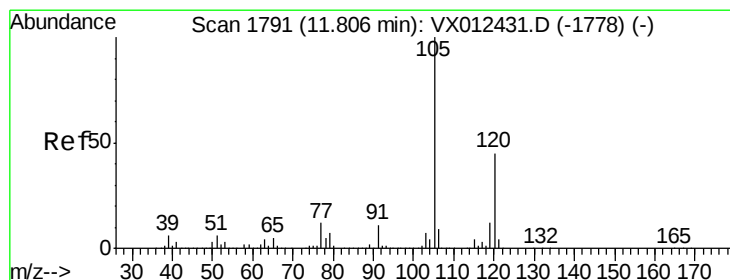
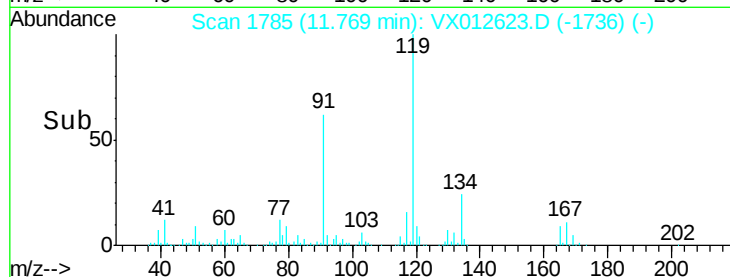
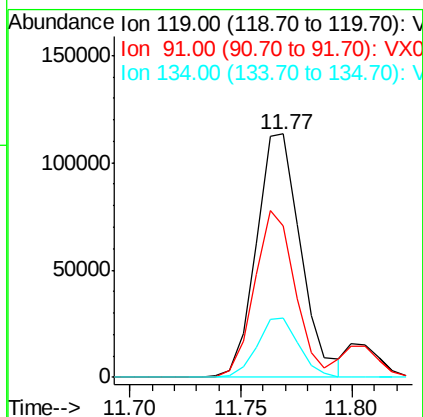
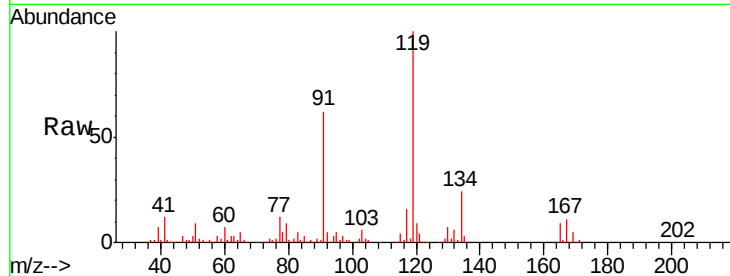




#83
 tert-Butylbenzene
 Concen: 18.864 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

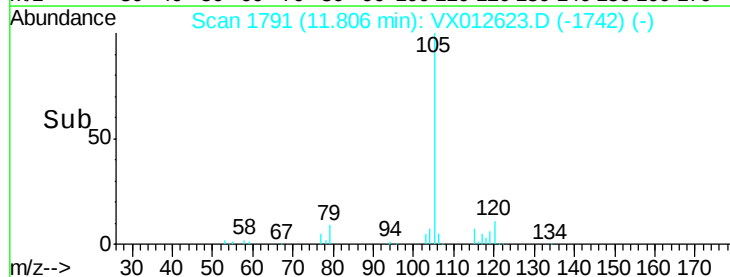
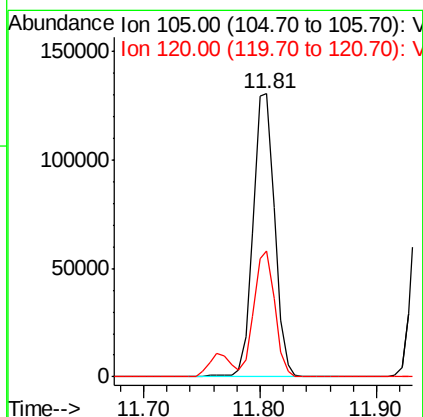
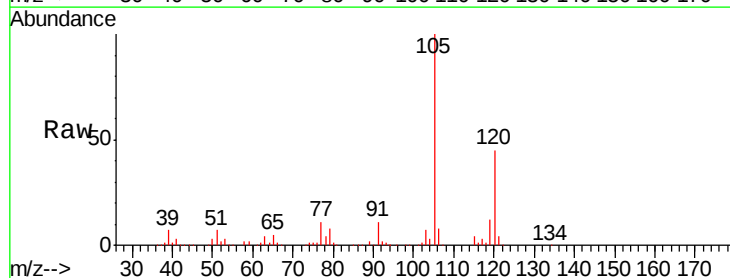
Instrument :
 MSVOA_X
 ClientSampled :
 VX0924WBS01

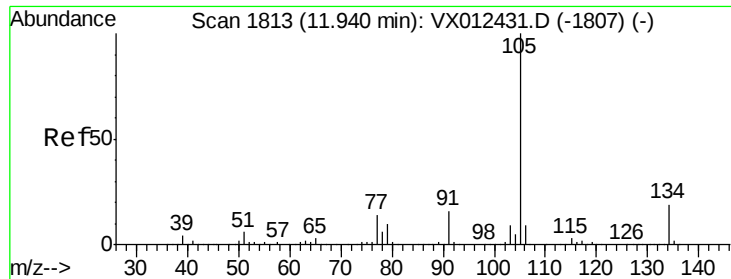
Tgt Ion:119 Resp: 157448
 Ion Ratio Lower Upper
 119 100
 91 62.6 30.0 90.0
 134 23.0 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.437 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion:105 Resp: 169662
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.2 66.6

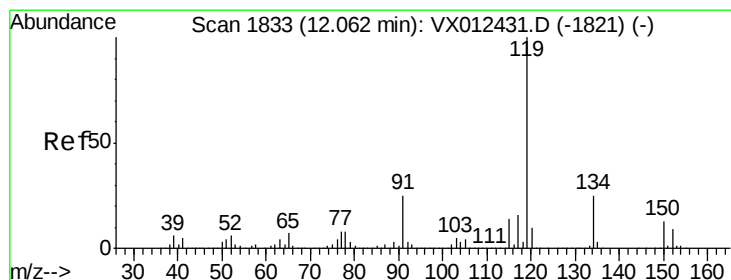
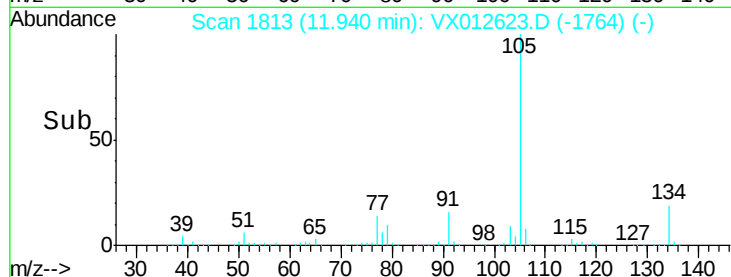
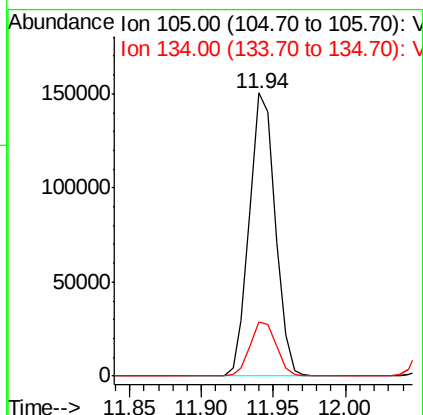
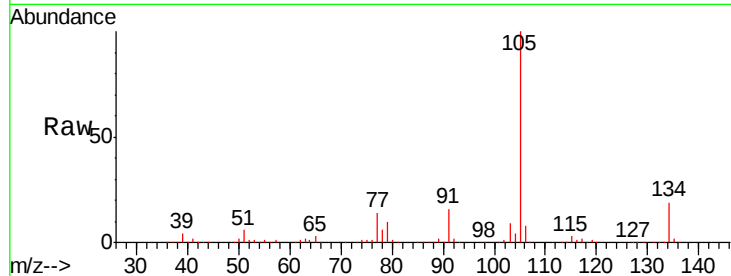




#85
 sec-Butylbenzene
 Concen: 19.267 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

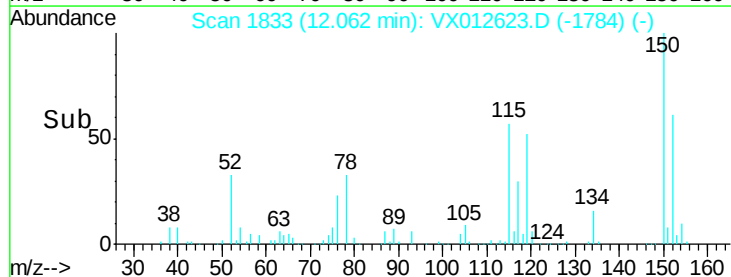
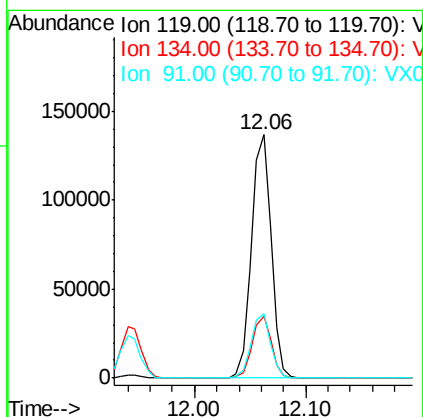
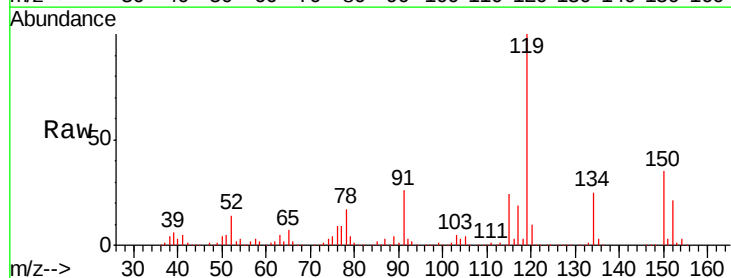
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

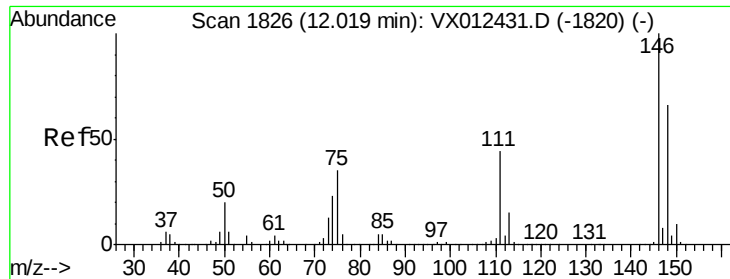
Tgt Ion:105 Resp: 187047
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.265 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion:119 Resp: 168754
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 26.0 12.8 38.4

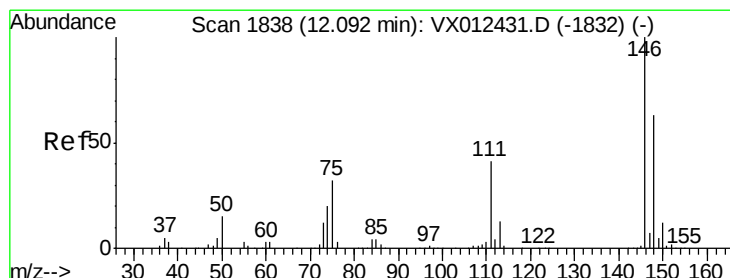
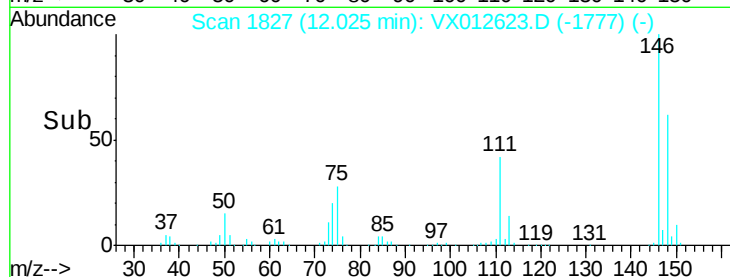
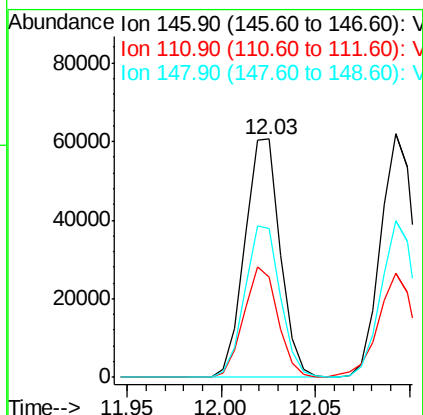
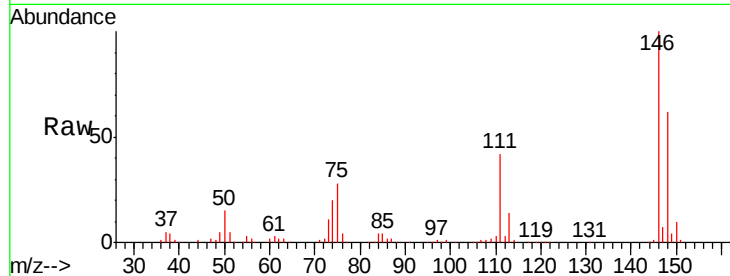




#87
 1,3-Dichlorobenzene
 Concen: 18.865 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

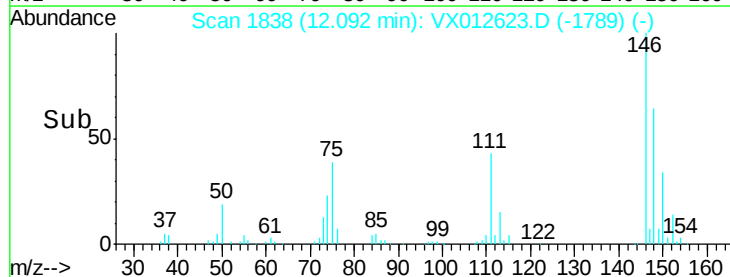
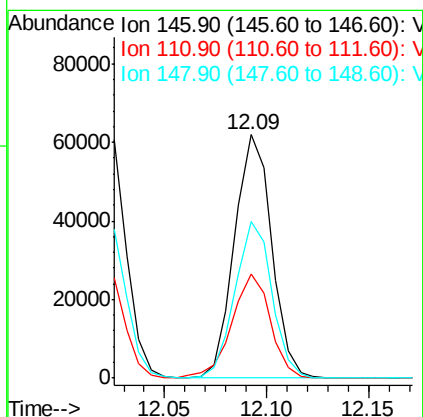
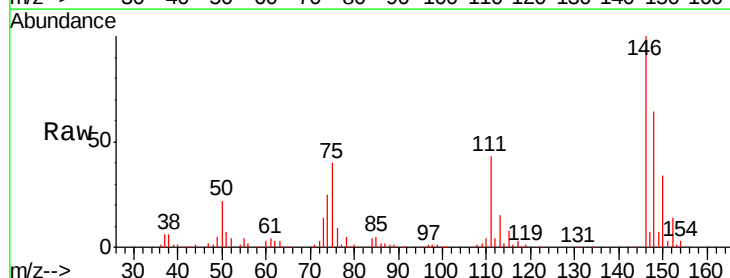
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

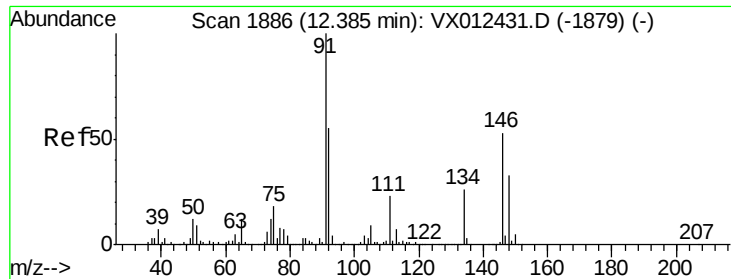
Tgt Ion:146 Resp: 79283
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.3 64.0
 148 63.7 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 18.435 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion:146 Resp: 78288
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.1 63.3
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 18.264 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0924WBS01

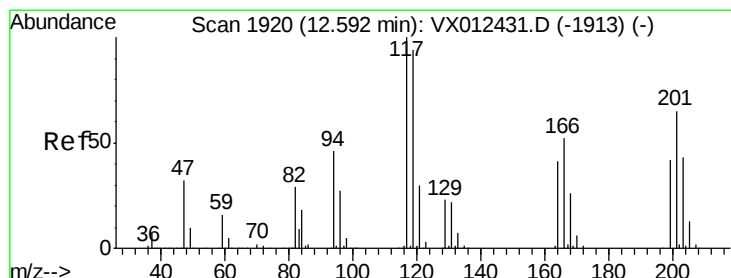
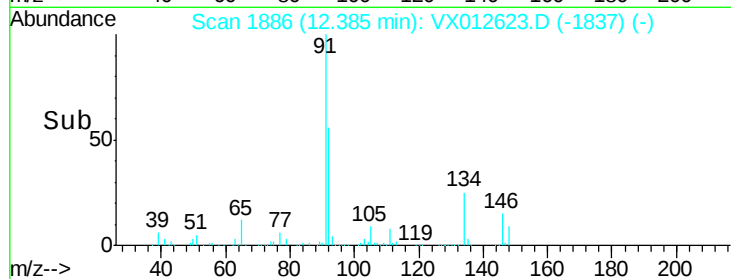
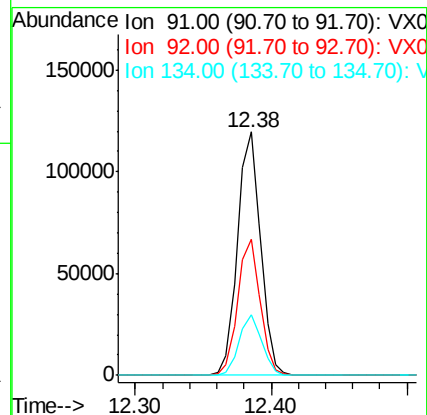
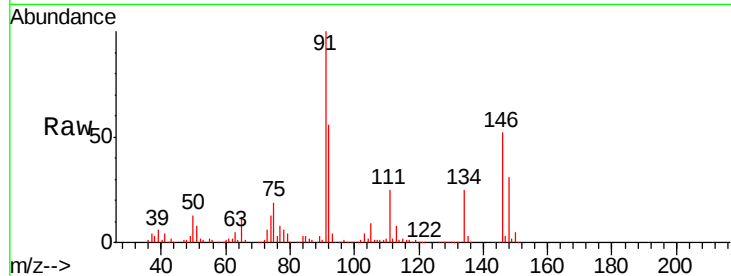
Tgt Ion: 91 Resp: 140983

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

134 24.7 12.9 38.6



#90

Hexachloroethane

Concen: 18.087 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012623.D

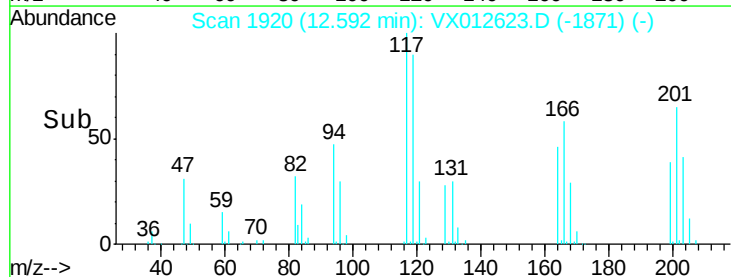
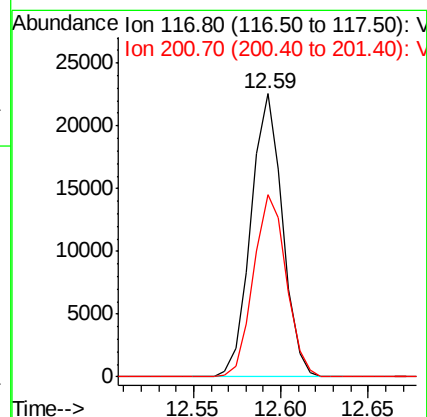
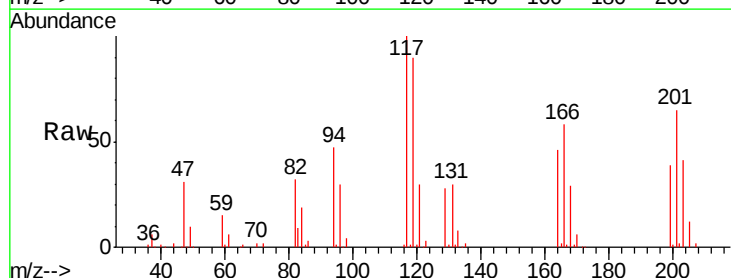
Acq: 24 Sep 2019 11:26

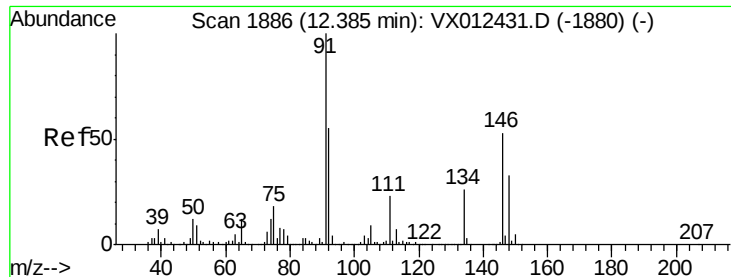
Tgt Ion: 117 Resp: 28247

Ion Ratio Lower Upper

117 100

201 67.1 33.3 99.8

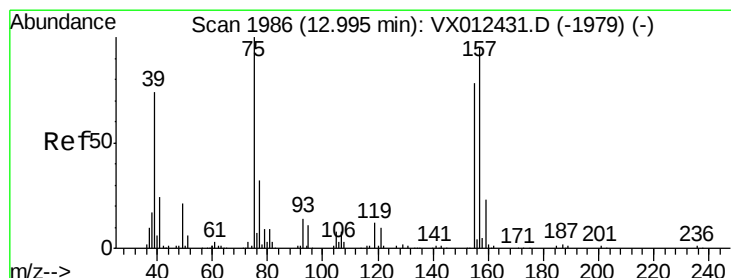
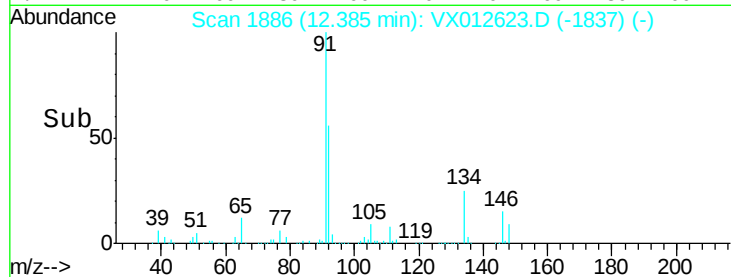
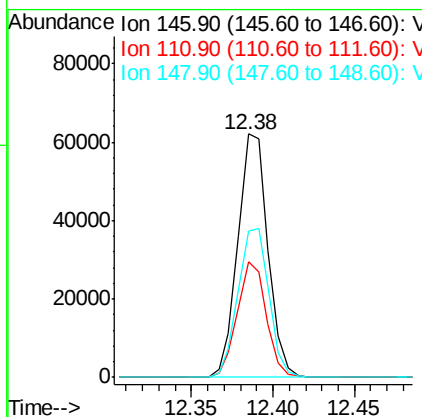
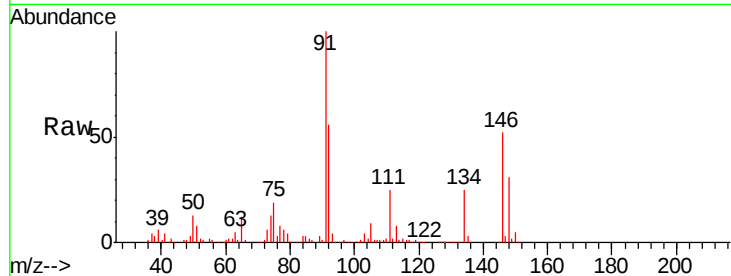




#91
 1,2-Dichlorobenzene
 Concen: 19.036 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

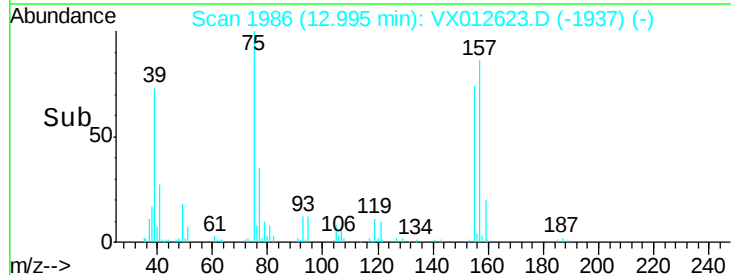
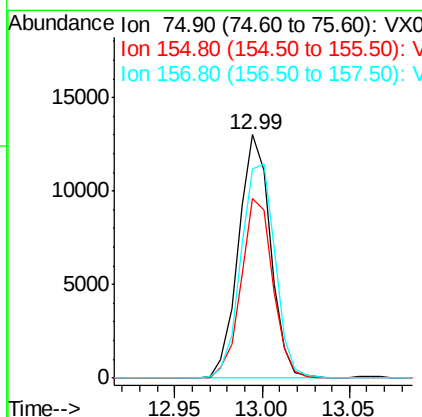
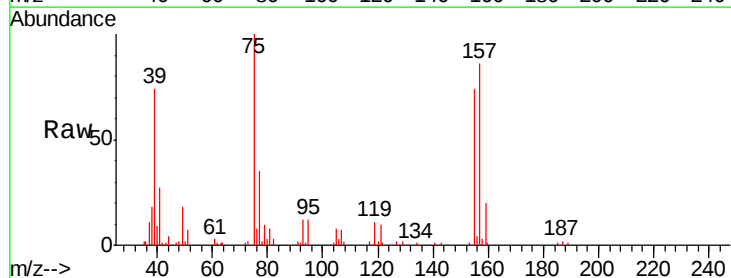
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

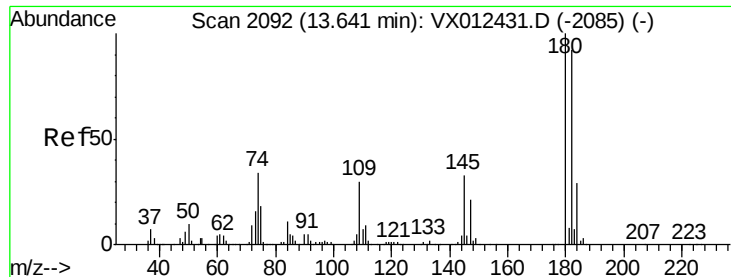
Tgt Ion:146 Resp: 80093
 Ion Ratio Lower Upper
 146 100
 111 45.7 22.1 66.1
 148 63.2 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.434 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 75 Resp: 16612
 Ion Ratio Lower Upper
 75 100
 155 73.2 38.6 115.8
 157 93.9 50.6 151.9

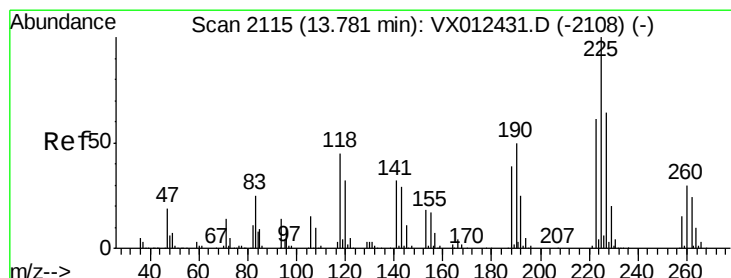
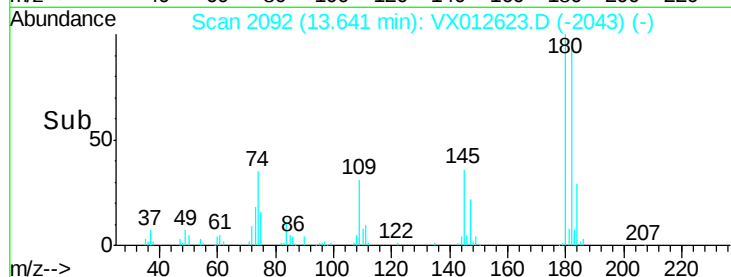
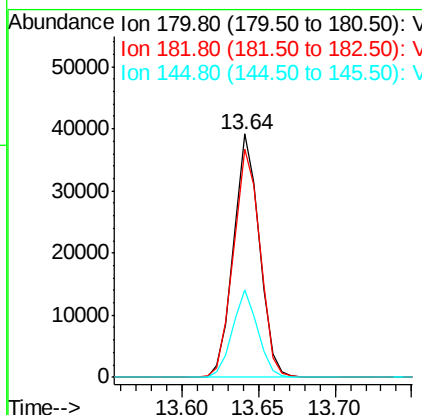
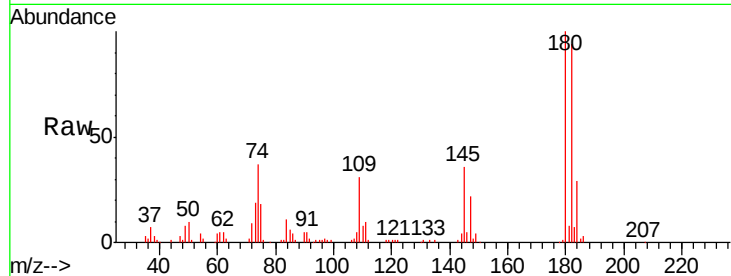




#93
 1,2,4-Trichlorobenzene
 Concen: 17.882 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

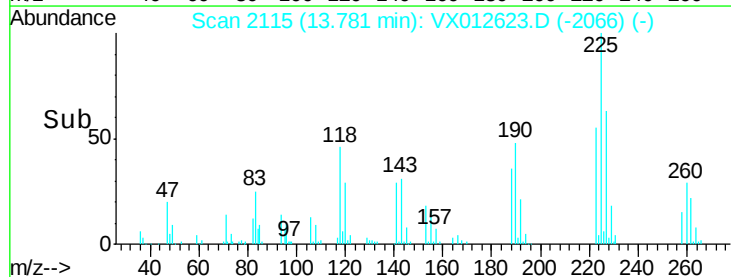
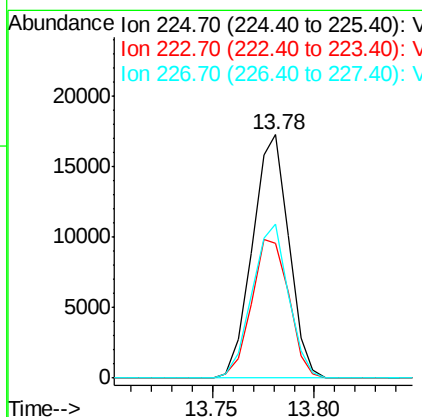
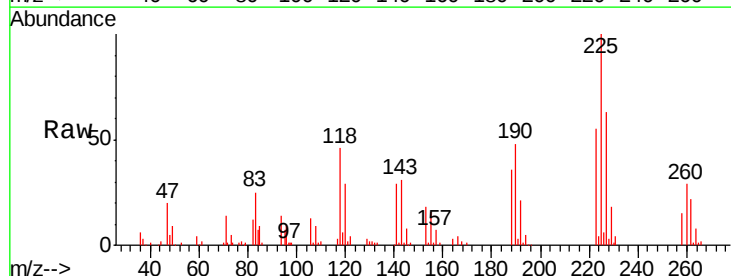
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

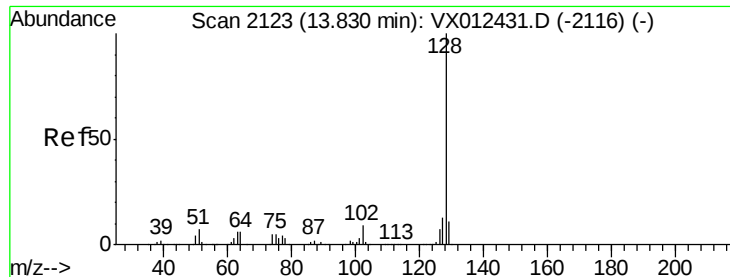
Tgt Ion:180 Resp: 45883
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.0 141.0
 145 35.0 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 19.444 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion:225 Resp: 21463
 Ion Ratio Lower Upper
 225 100
 223 58.5 32.0 96.2
 227 63.0 31.9 95.5

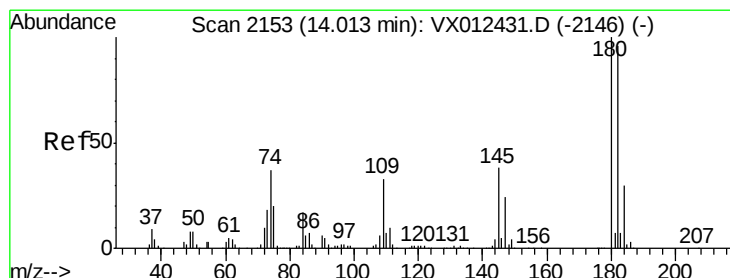
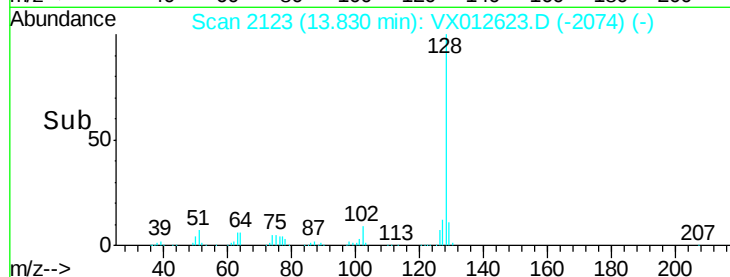
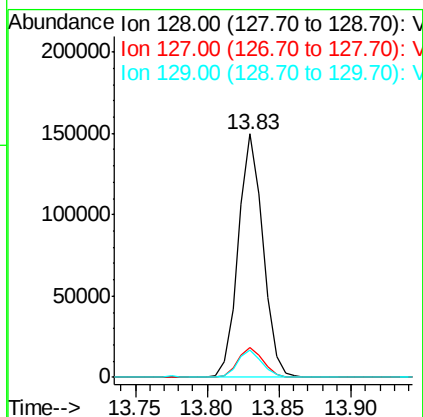
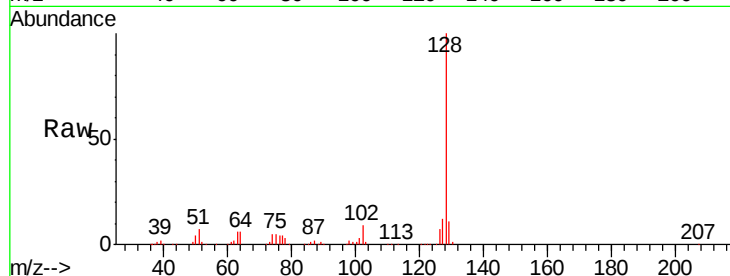




#95
Naphthalene
Concen: 19.240 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion:128 Resp: 178618
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.707 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion:180 Resp: 48082
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.3
145 36.4 18.0 54.0

