

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011422.D
 Acq On : 11 Aug 2019 11:35
 Operator : JC/SP
 Sample : VX0811WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Quant Time: Aug 12 07:45:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	248222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	177721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	146346	58.54	ug/l	0.00
Spiked Amount			Recovery	=	117.08%	
35) Dibromofluoromethane	5.49	113	127065	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
50) Toluene-d8	8.71	98	478953	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
62) 4-Bromofluorobenzene	11.13	95	183470	58.41	ug/l	0.00
Spiked Amount			Recovery	=	116.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	35039	18.277	ug/l	100
3) Chloromethane	1.32	50	36800	17.094	ug/l	100
4) Vinyl Chloride	1.40	62	39634	16.737	ug/l	95
5) Bromomethane	1.63	94	27667	16.381	ug/l	98
6) Chloroethane	1.71	64	28417	17.690	ug/l	98
7) Trichlorofluoromethane	1.92	101	75651	17.967	ug/l	100
8) Diethyl Ether	2.18	74	26125	17.376	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43890	19.264	ug/l	97
10) Methyl Iodide	2.50	142	45004	15.668	ug/l	95
11) Tert butyl alcohol	3.03	59	53798	107.940	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40573	17.965	ug/l	89
13) Acrolein	2.28	56	13411	42.943	ug/l	95
14) Allyl chloride	2.72	41	61672	20.484	ug/l	96
15) Acrylonitrile	3.13	53	114232	96.033	ug/l	98
16) Acetone	2.43	43	121709	102.292	ug/l	99
17) Carbon Disulfide	2.56	76	92757	17.502	ug/l	99
18) Methyl Acetate	2.76	43	54908	20.194	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	137740	20.696	ug/l	100
20) Methylene Chloride	2.85	84	47533	18.241	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	44342	18.561	ug/l	93
22) Diisopropyl ether	3.84	45	132735	20.059	ug/l	96
23) Vinyl Acetate	3.80	43	578135	105.339	ug/l	98
24) 1,1-Dichloroethane	3.68	63	77908	19.967	ug/l	98
25) 2-Butanone	4.66	43	167082	98.718	ug/l	100
26) 2,2-Dichloropropane	4.57	77	67332	22.199	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	52285	19.001	ug/l	96
28) Bromochloromethane	5.00	49	36405	20.466	ug/l	97
29) Tetrahydrofuran	5.12	42	97820	94.260	ug/l	100
30) Chloroform	5.20	83	85797	20.231	ug/l	97
31) Cyclohexane	5.57	56	62197	19.321	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	74770	20.582	ug/l	97
36) 1,1-Dichloropropene	5.79	75	60183	19.307	ug/l	99
37) Ethyl Acetate	4.82	43	59724	19.101	ug/l	99
38) Carbon Tetrachloride	5.77	117	66943	21.347	ug/l	93

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 Sample : VX0811WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Quant Time: Aug 12 07:45:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70216	19.004	ug/l	98
40) Benzene	6.13	78	180859	19.444	ug/l	98
41) Methacrylonitrile	5.03	41	34434	20.166	ug/l	97
42) 1,2-Dichloroethane	6.18	62	68548	21.793	ug/l	97
43) Isopropyl Acetate	6.43	43	101817	20.368	ug/l	99
44) Trichloroethene	7.20	130	53276	18.923	ug/l	96
45) 1,2-Dichloropropane	7.51	63	46716	19.393	ug/l	97
46) Dibromomethane	7.65	93	34150	19.419	ug/l	98
47) Bromodichloromethane	7.89	83	64288	21.592	ug/l	99
48) Methyl methacrylate	7.76	41	47929	20.373	ug/l	98
49) 1,4-Dioxane	7.73	88	24312	356.473	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	324632	100.628	ug/l	100
52) Toluene	8.78	92	121951	19.830	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	67477	21.194	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	73594	21.160	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51042	20.186	ug/l	99
56) Ethyl methacrylate	9.17	69	74341	20.631	ug/l	98
57) 1,3-Dichloropropane	9.37	76	79902	19.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	171272	96.668	ug/l	99
59) 2-Hexanone	9.49	43	256614	102.695	ug/l	98
60) Dibromochloromethane	9.58	129	54220	20.944	ug/l	100
61) 1,2-Dibromoethane	9.66	107	53761	19.679	ug/l	100
64) Tetrachloroethene	9.33	164	54216	19.135	ug/l	95
65) Chlorobenzene	10.13	112	139040	19.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	51249	20.927	ug/l	99
67) Ethyl Benzene	10.25	91	241953	20.196	ug/l	98
68) m/p-Xylenes	10.35	106	184316	39.776	ug/l	97
69) o-Xylene	10.69	106	89502	19.658	ug/l	98
70) Styrene	10.71	104	154660	20.530	ug/l	97
71) Bromoform	10.85	173	40794	20.409	ug/l	99
73) Isopropylbenzene	11.01	105	245388	20.188	ug/l	99
74) N-amyl acetate	10.89	43	91361	20.802	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	78352	19.343	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	83777	25.885	ug/l	85
77) Bromobenzene	11.25	156	66045	19.595	ug/l	95
78) n-propylbenzene	11.35	91	273608	20.242	ug/l	99
79) 2-Chlorotoluene	11.41	91	163159	20.252	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	206716	20.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22329	21.282	ug/l	96
82) 4-Chlorotoluene	11.51	91	188607	20.088	ug/l	99
83) tert-Butylbenzene	11.77	119	201930	20.235	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	209270	20.658	ug/l	98
85) sec-Butylbenzene	11.94	105	238965	19.931	ug/l	99
86) p-Isopropyltoluene	12.06	119	223729	20.283	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117992	19.813	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	117689	19.165	ug/l	97
89) n-Butylbenzene	12.38	91	193517	20.364	ug/l	99
90) Hexachloroethane	12.59	117	35380	21.696	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	115440	19.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16265	20.726	ug/l	93

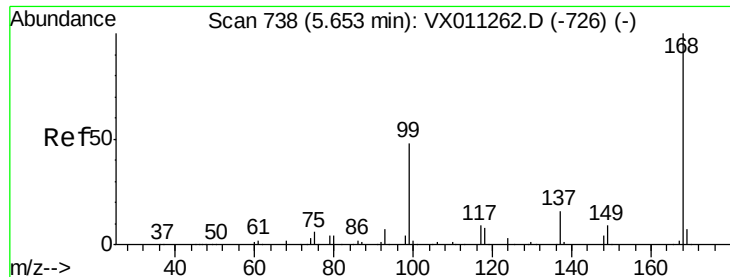
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
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ClientSampleId :
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Quant Time: Aug 12 07:45:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	79537	20.043	ug/l	100
94) Hexachlorobutadiene	13.78	225	40639	20.185	ug/l	98
95) Naphthalene	13.83	128	233691	20.137	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	78533	19.466	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

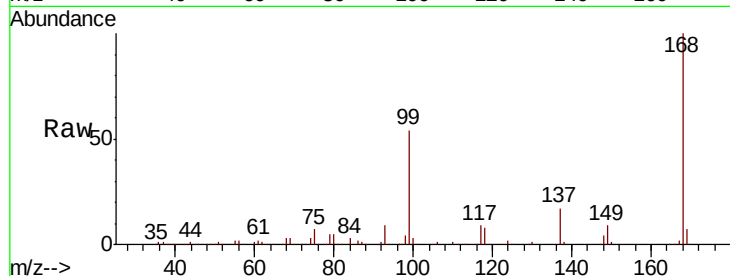
VX0811WBS01

Tgt Ion:168 Resp: 248222

Ion Ratio Lower Upper

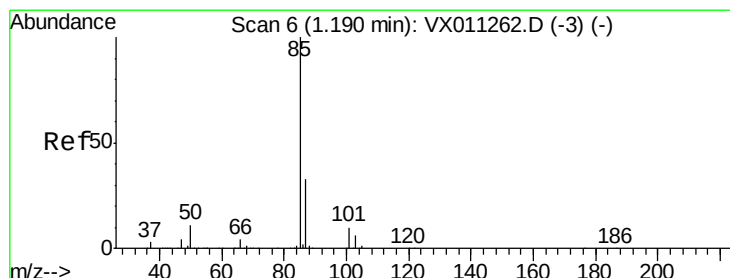
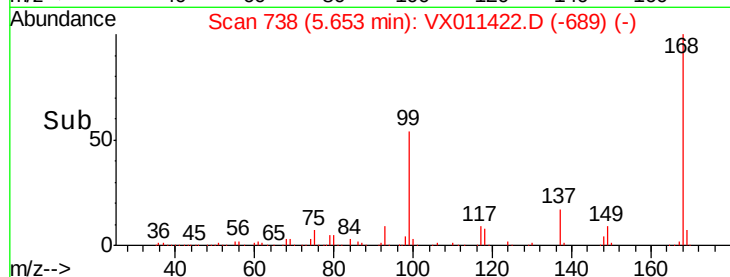
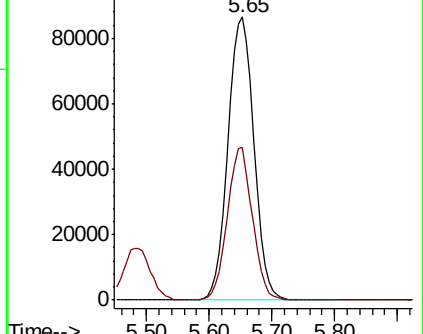
168 100

99 54.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.277 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011422.D

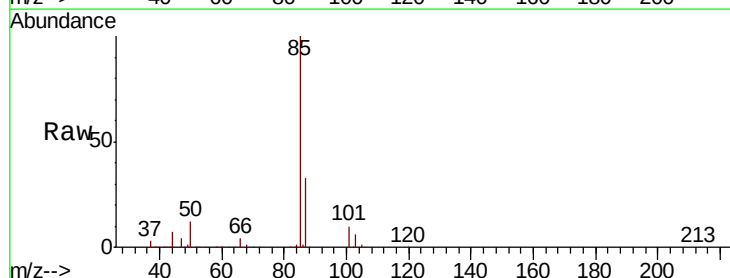
Acq: 11 Aug 2019 11:35

Tgt Ion: 85 Resp: 35039

Ion Ratio Lower Upper

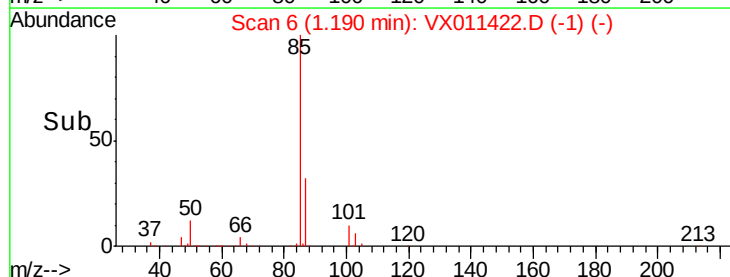
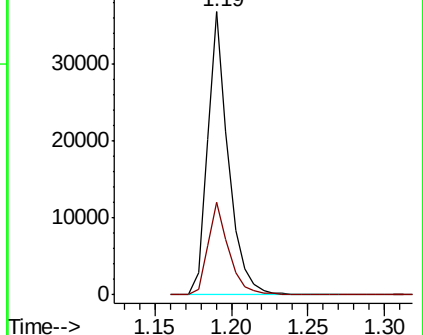
85 100

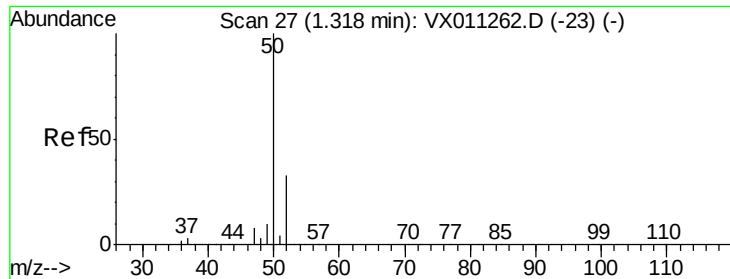
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.094 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

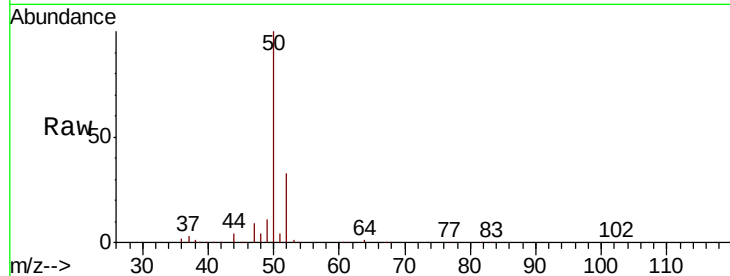
VX0811WBS01

Tgt Ion: 50 Resp: 36800

Ion Ratio Lower Upper

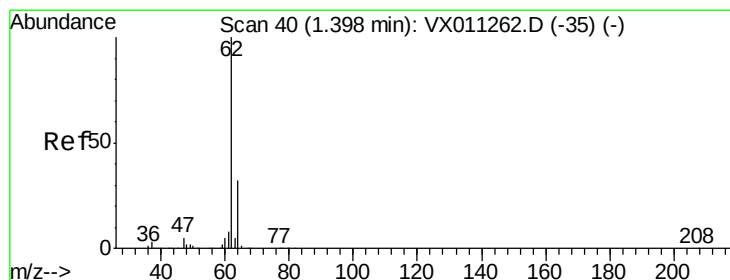
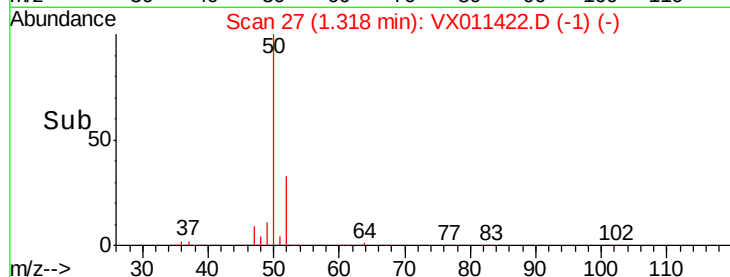
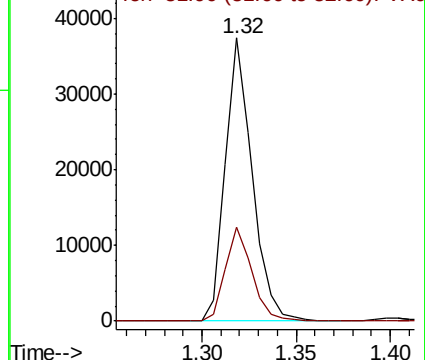
50 100

52 33.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.737 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011422.D

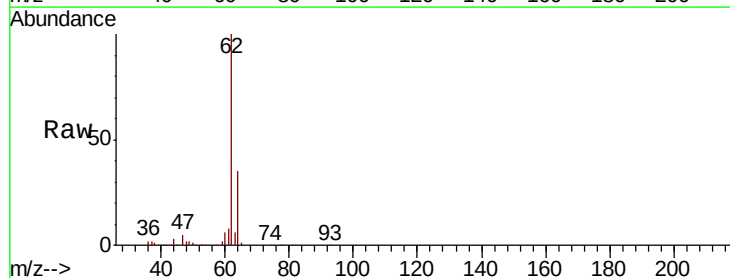
Acq: 11 Aug 2019 11:35

Tgt Ion: 62 Resp: 39634

Ion Ratio Lower Upper

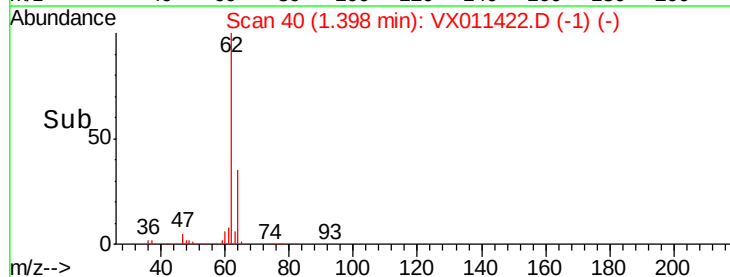
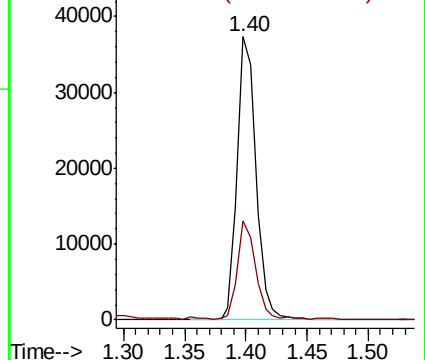
62 100

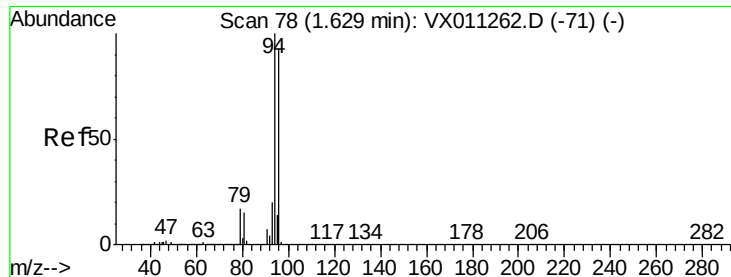
64 35.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.381 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

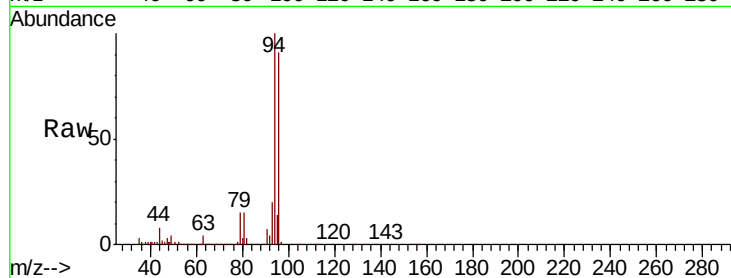
VX0811WBS01

Tgt Ion: 94 Resp: 27667

Ion Ratio Lower Upper

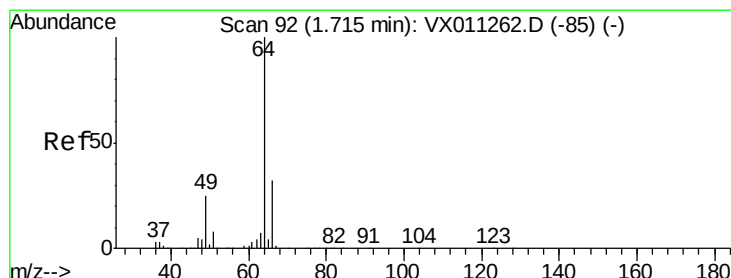
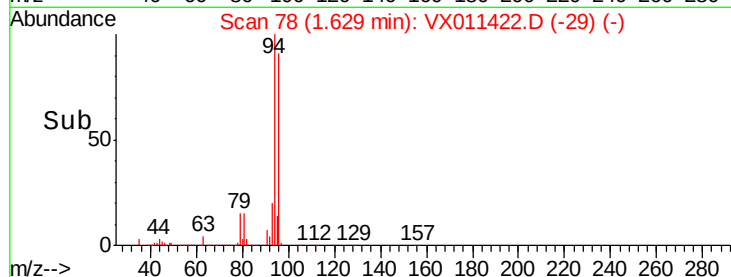
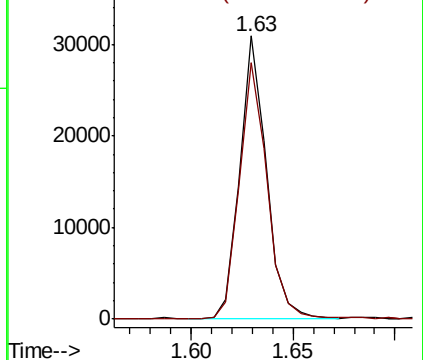
94 100

96 90.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.690 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011422.D

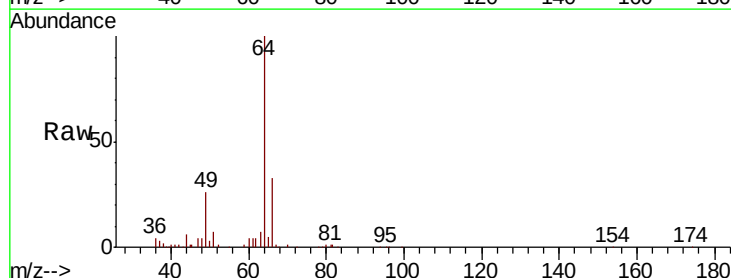
Acq: 11 Aug 2019 11:35

Tgt Ion: 64 Resp: 28417

Ion Ratio Lower Upper

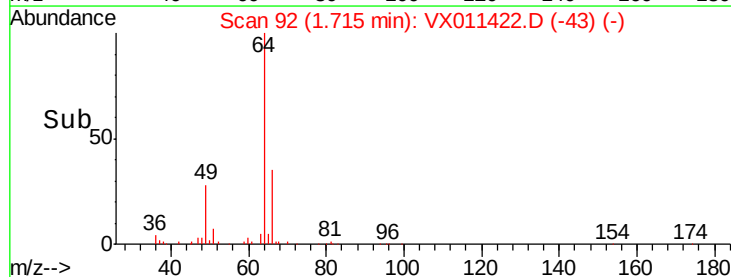
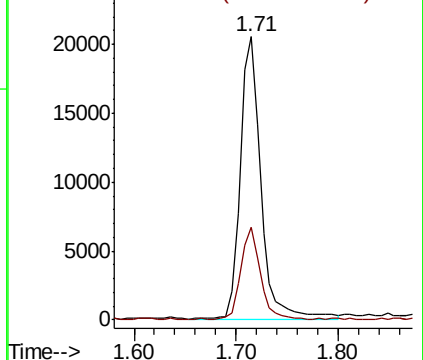
64 100

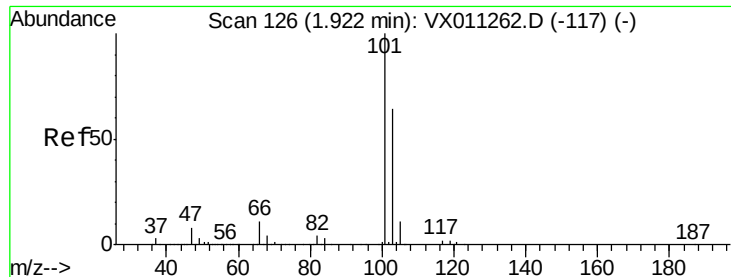
66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



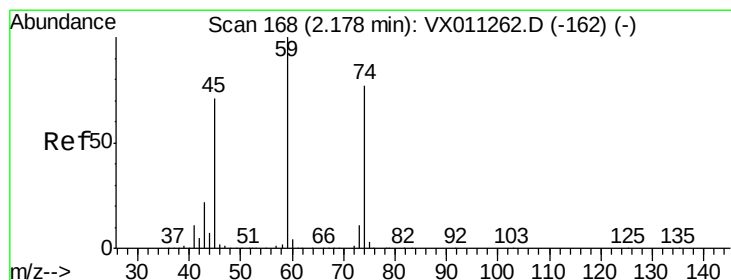
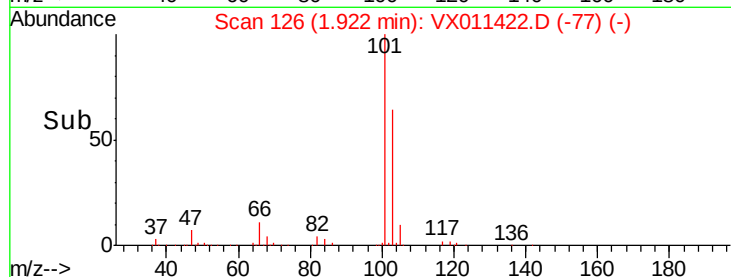
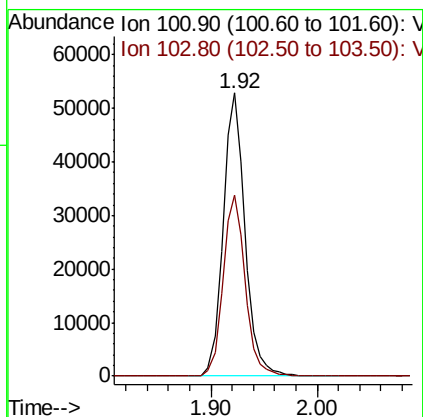
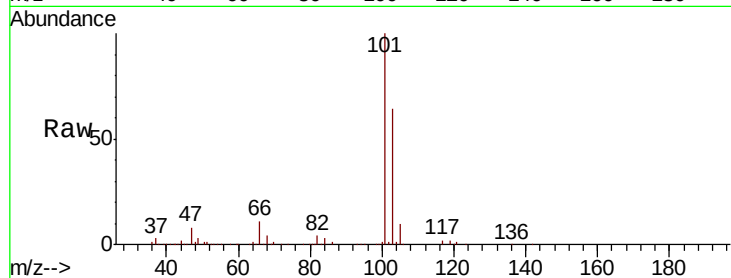


#7

Trichlorofluoromethane
Concen: 17.967 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

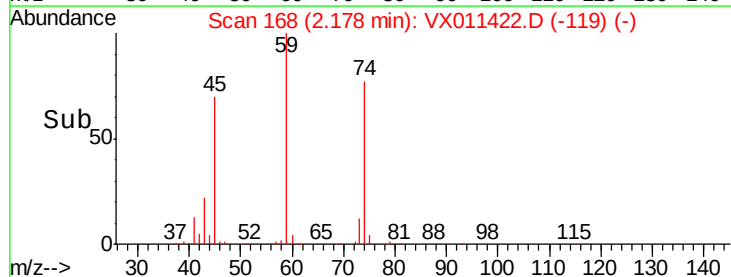
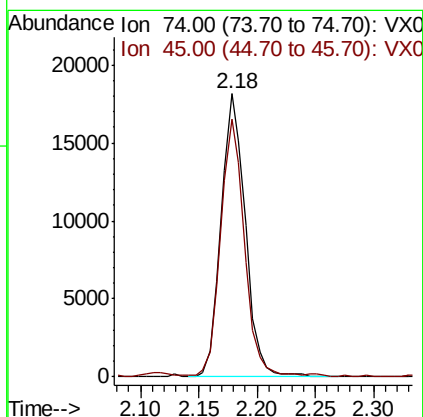
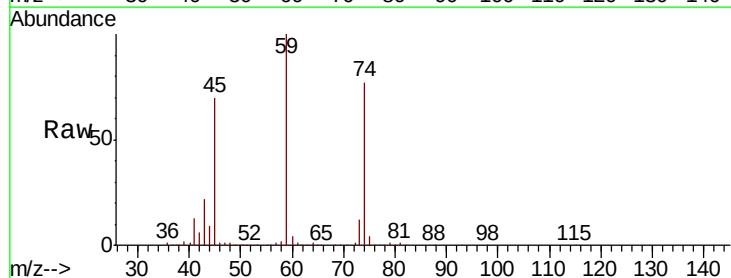
Tgt Ion:101 Resp: 75651
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3

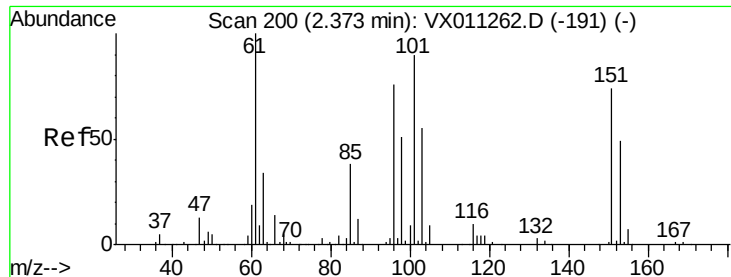


#8

Diethyl Ether
Concen: 17.376 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 74 Resp: 26125
Ion Ratio Lower Upper
74 100
45 87.1 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.264 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

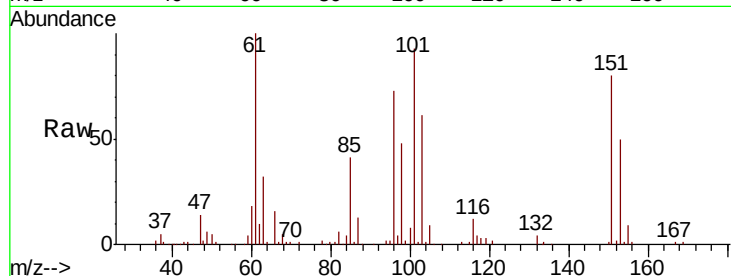
Tgt Ion:101 Resp: 43890

Ion Ratio Lower Upper

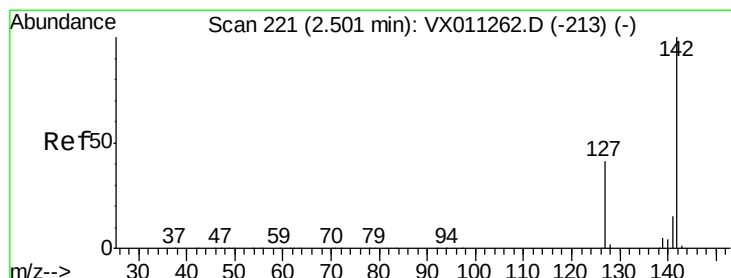
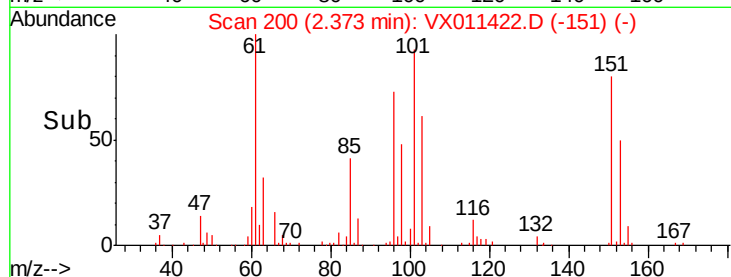
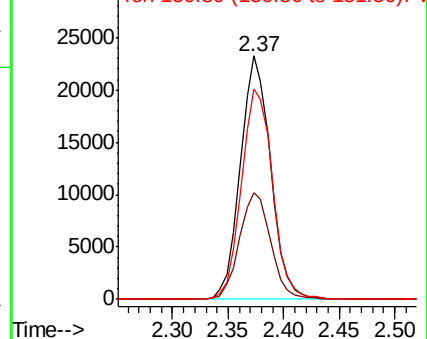
101 100

85 44.9 33.8 50.6

151 88.5 69.5 104.3



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: 15.668 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

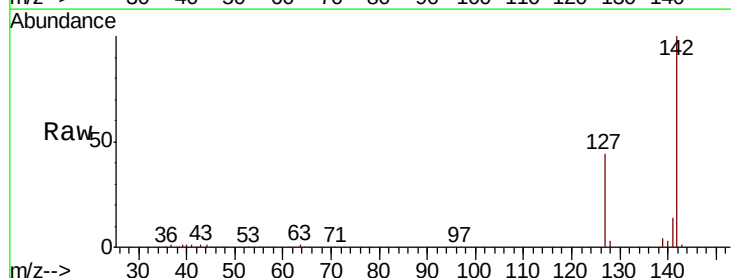
Tgt Ion:142 Resp: 45004

Ion Ratio Lower Upper

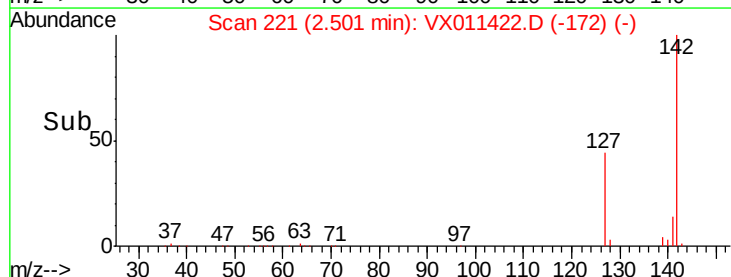
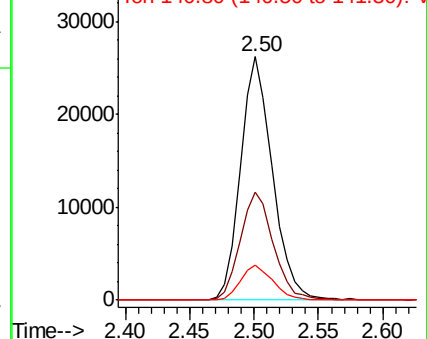
142 100

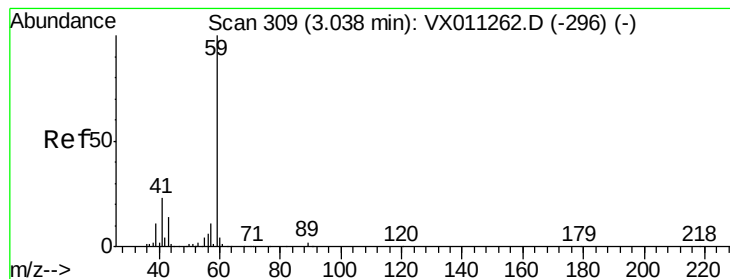
127 46.0 33.8 50.8

141 14.7 11.4 17.2



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



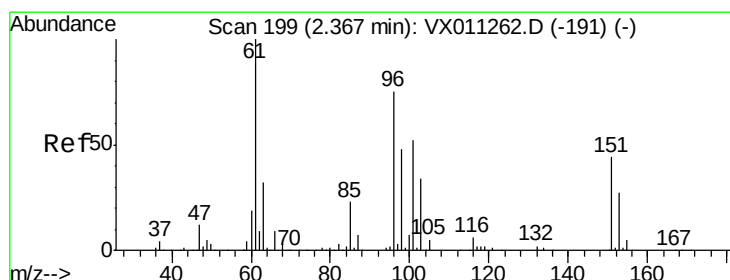
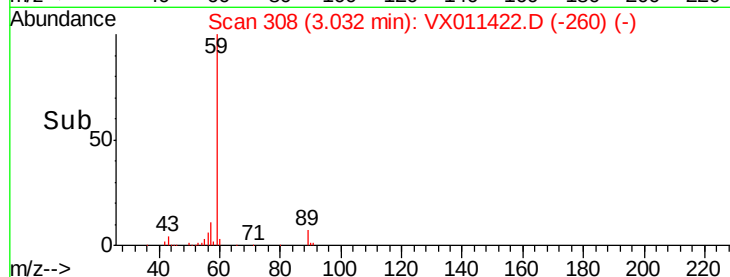
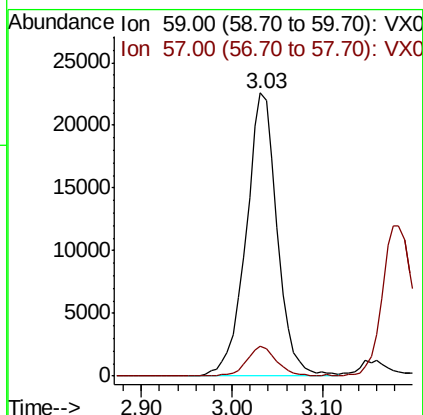
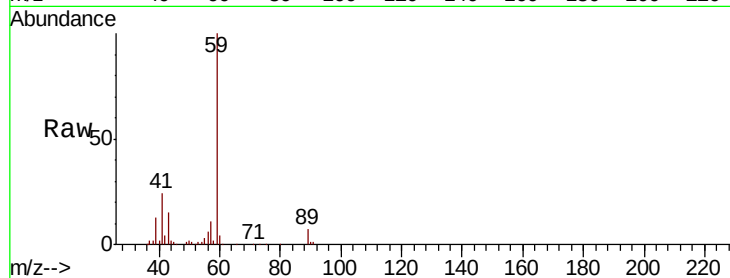


#11

Tert butyl alcohol
 Concen: 107.940 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

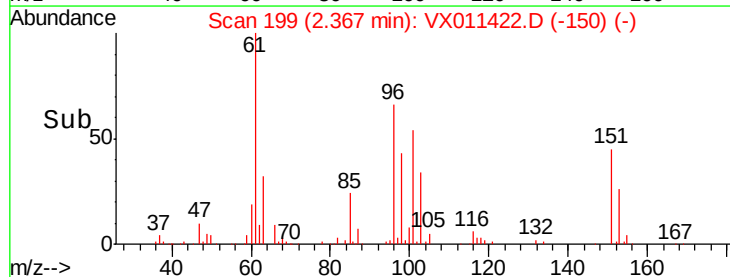
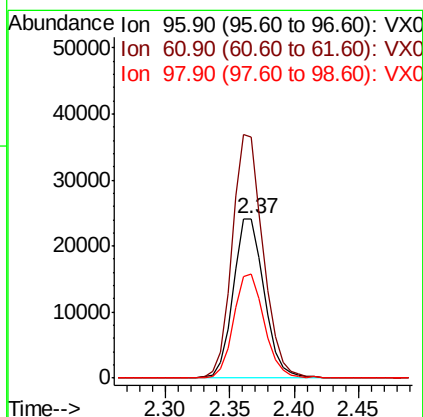
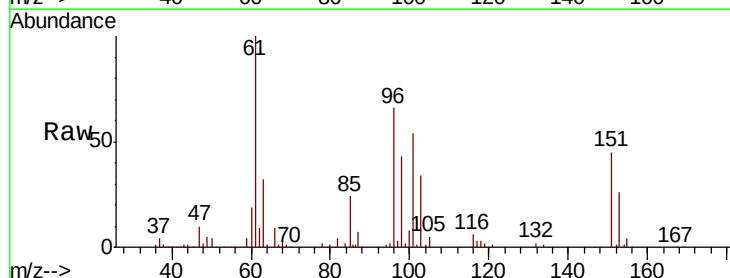
Tgt Ion: 59 Resp: 53798
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

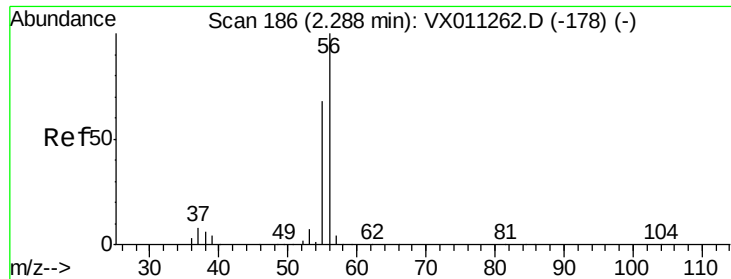


#12

1,1-Dichloroethene
 Concen: 17.965 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 96 Resp: 40573
 Ion Ratio Lower Upper
 96 100
 61 150.9 106.2 159.2
 98 65.1 50.6 75.8

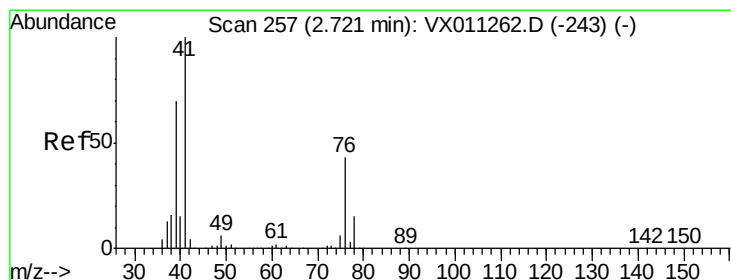
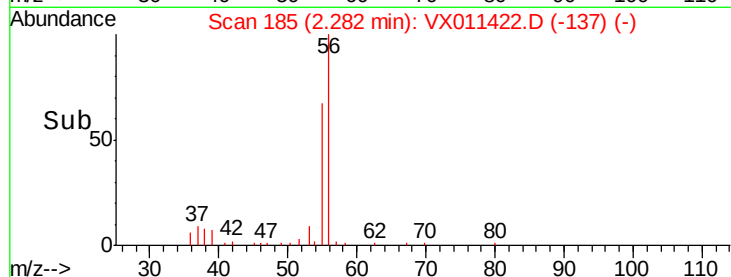
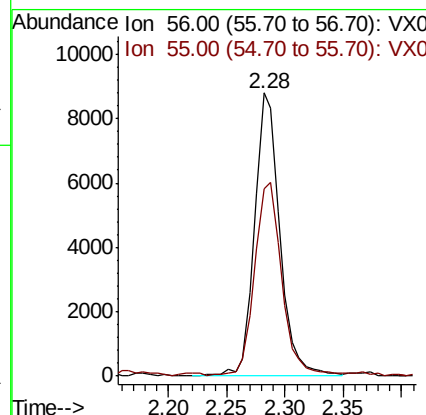
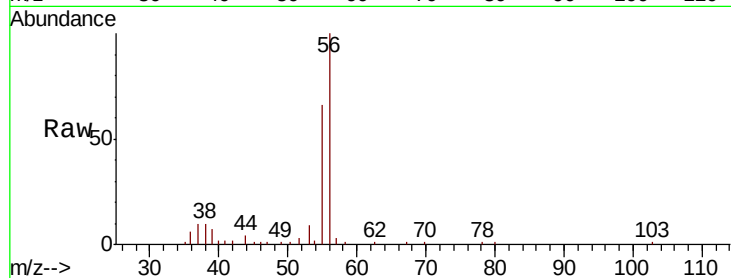




#13
 Acrolein
 Concen: 42.943 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

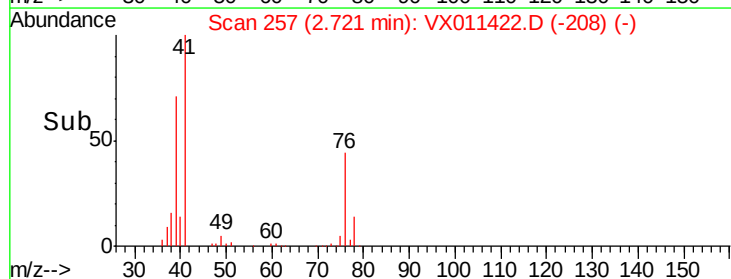
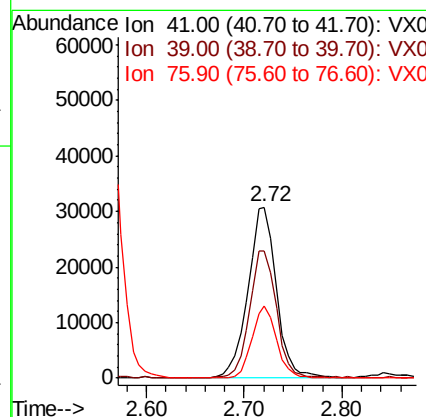
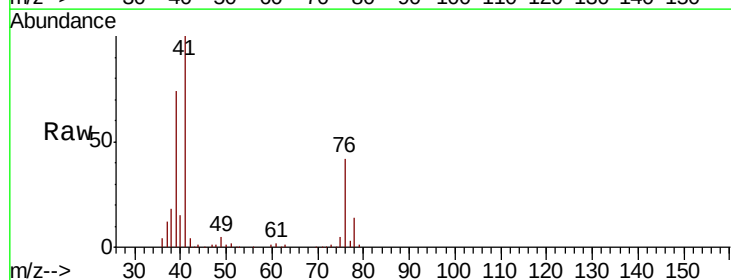
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

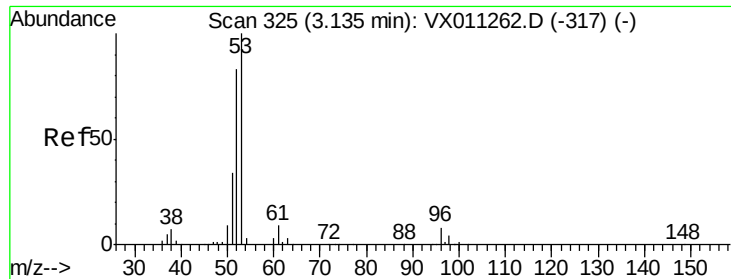
Tgt Ion: 56 Resp: 13411
 Ion Ratio Lower Upper
 56 100
 55 74.3 56.0 84.0



#14
 Allyl chloride
 Concen: 20.484 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 41 Resp: 61672
 Ion Ratio Lower Upper
 41 100
 39 70.0 52.8 79.2
 76 36.8 31.1 46.7





#15

Acrylonitrile

Concen: 96.033 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

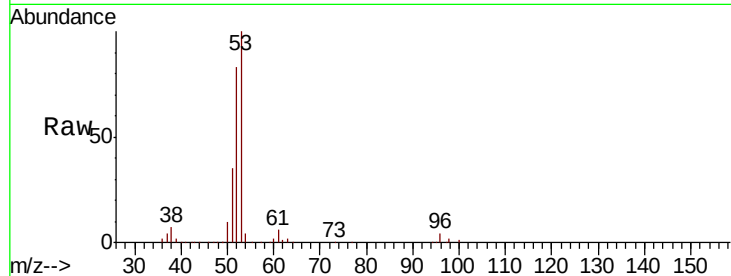
Tgt Ion: 53 Resp: 114232

Ion Ratio Lower Upper

53 100

52 83.3 65.5 98.3

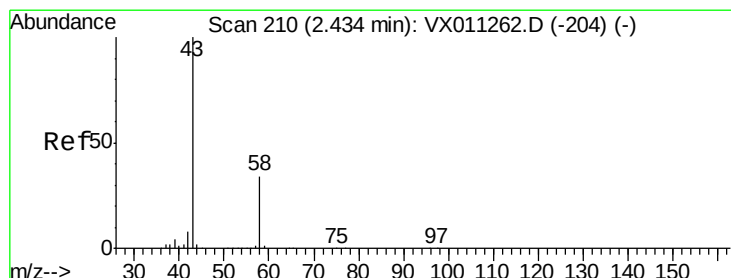
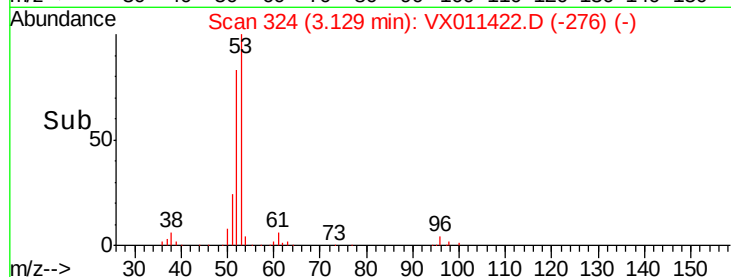
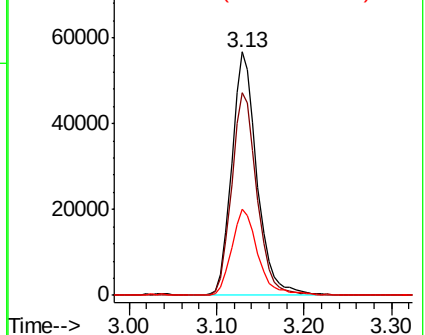
51 36.6 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.292 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011422.D

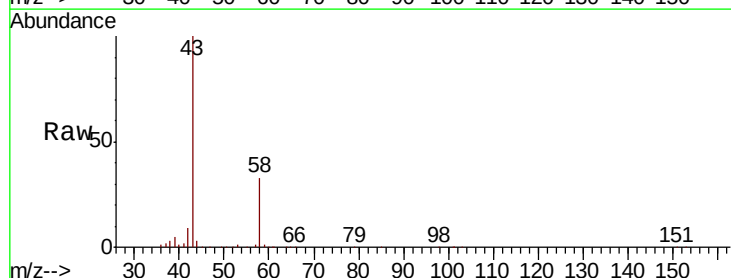
Acq: 11 Aug 2019 11:35

Tgt Ion: 43 Resp: 121709

Ion Ratio Lower Upper

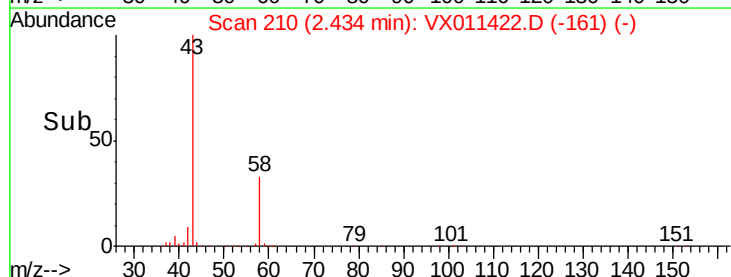
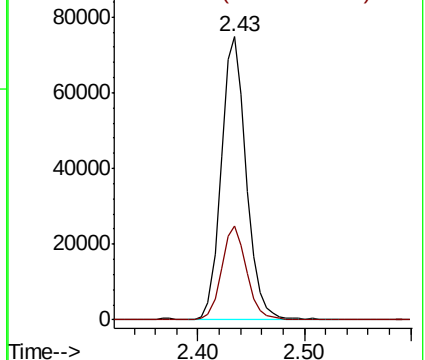
43 100

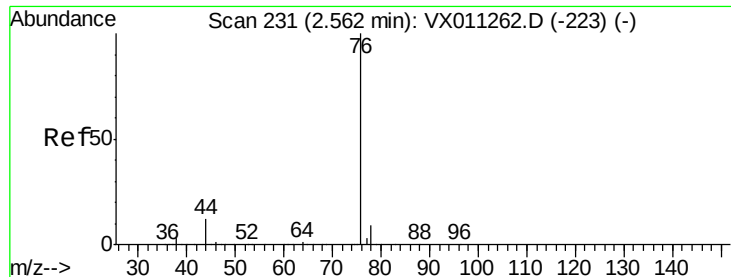
58 33.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.502 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

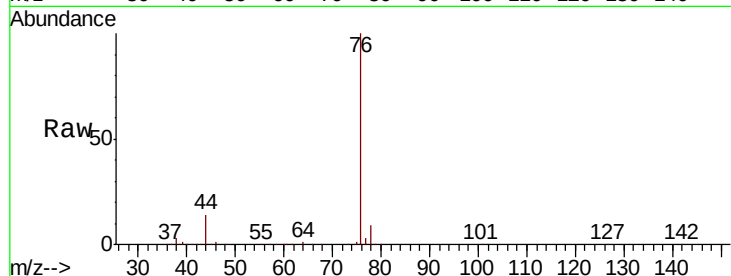
VX0811WBS01

Tgt Ion: 76 Resp: 92757

Ion Ratio Lower Upper

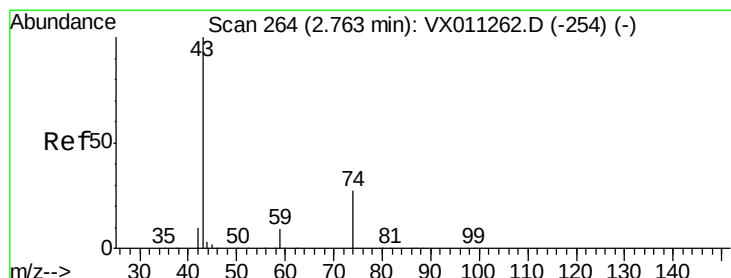
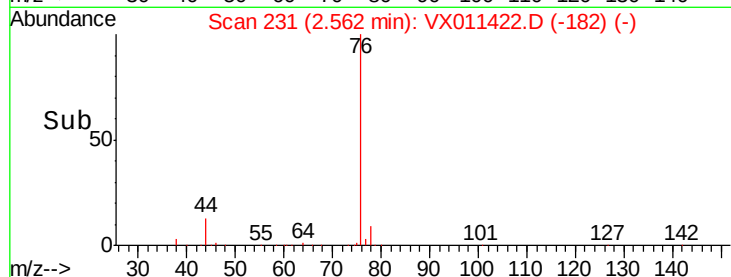
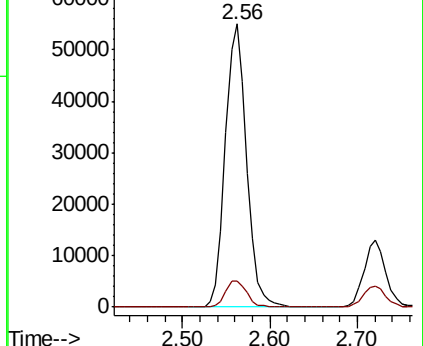
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.194 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011422.D

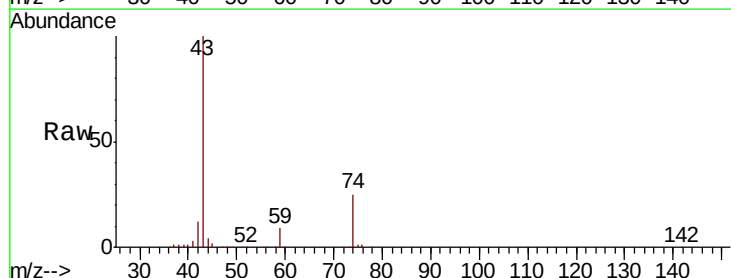
Acq: 11 Aug 2019 11:35

Tgt Ion: 43 Resp: 54908

Ion Ratio Lower Upper

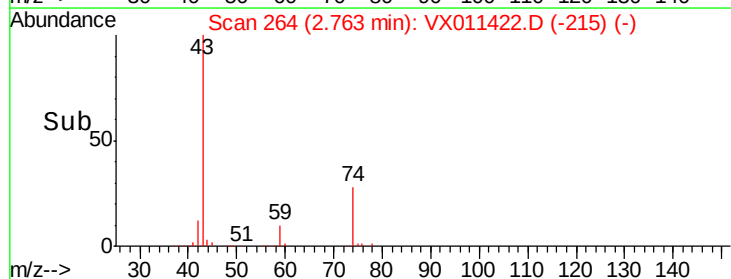
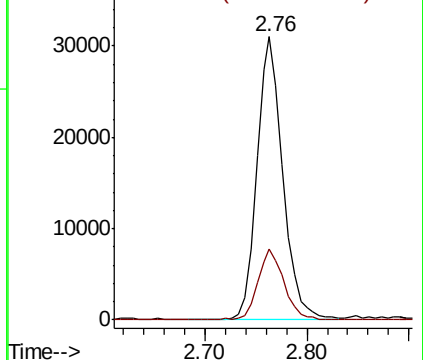
43 100

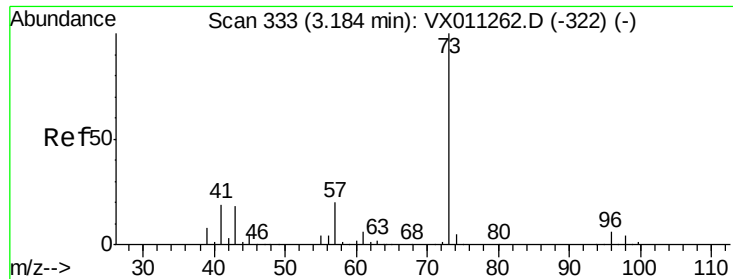
74 25.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

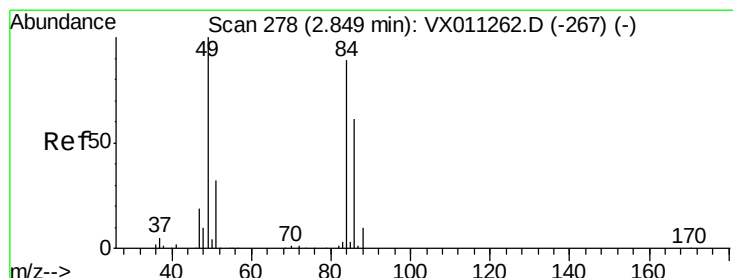
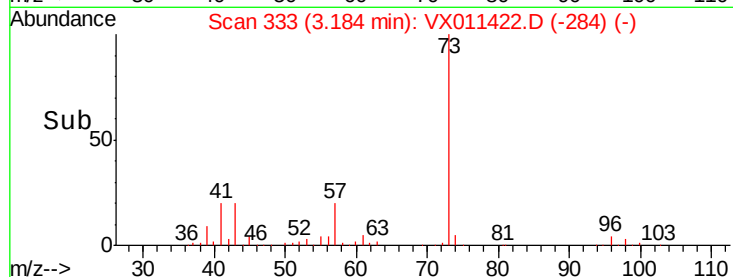
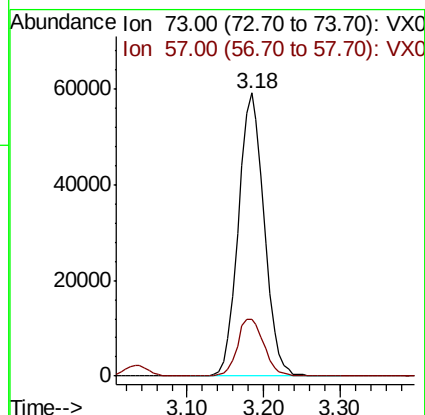
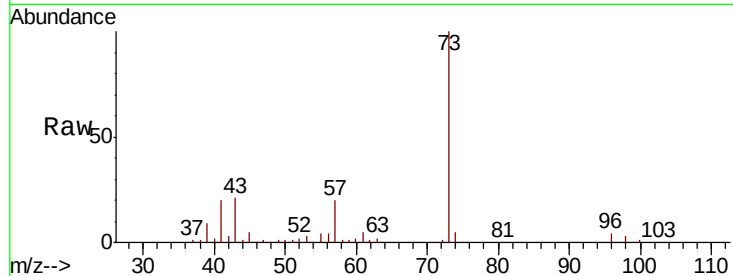




#19
Methyl tert-butyl Ether
Concen: 20.696 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

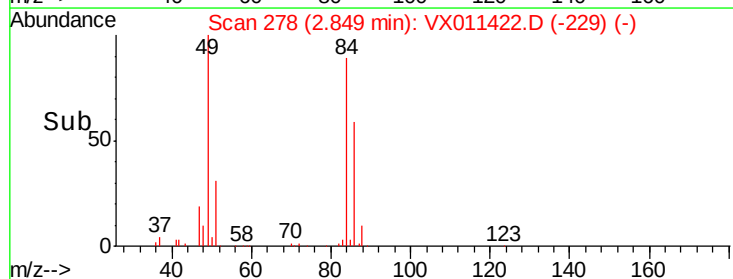
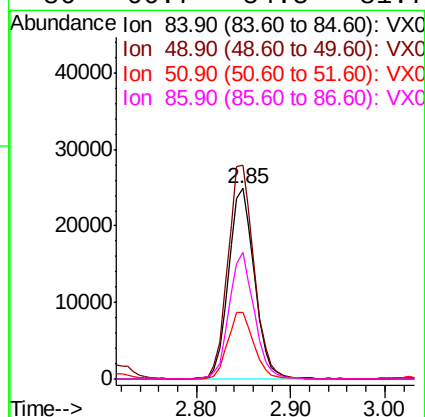
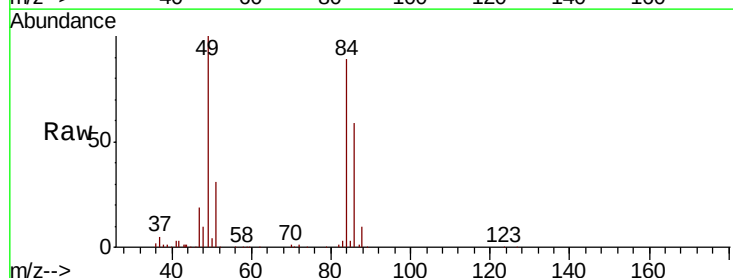
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

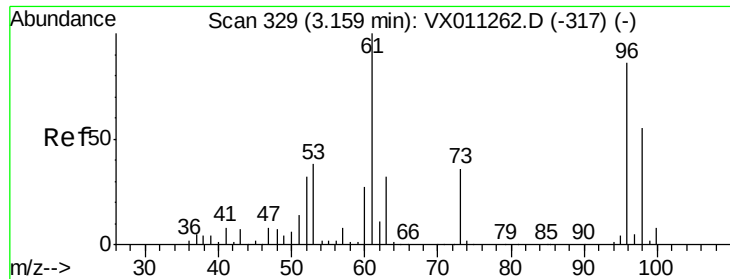
Tgt Ion: 73 Resp: 137740
Ion Ratio Lower Upper
73 100
57 20.2 16.2 24.2



#20
Methylene Chloride
Concen: 18.241 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 84 Resp: 47533
Ion Ratio Lower Upper
84 100
49 111.9 89.3 133.9
51 35.1 28.3 42.5
86 66.7 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.561 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

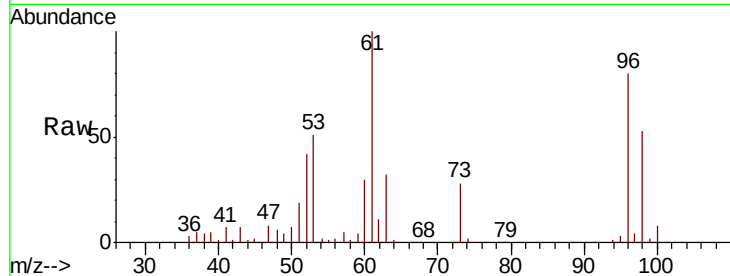
Tgt Ion: 96 Resp: 44342

Ion Ratio Lower Upper

96 100

61 125.6 92.8 139.2

98 66.7 51.2 76.8

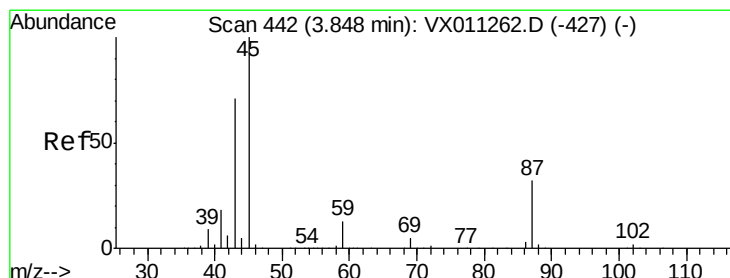
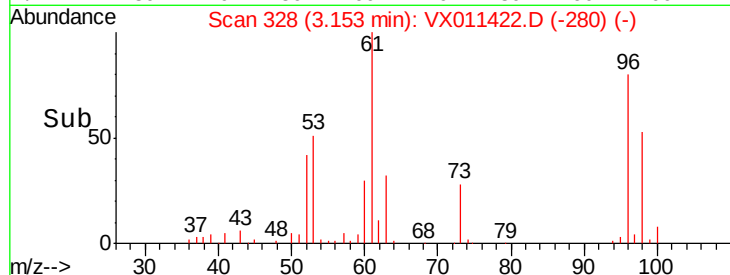
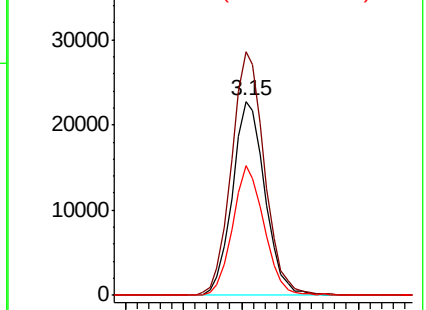


Abundance

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: 20.059 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Tgt Ion: 45 Resp: 132735

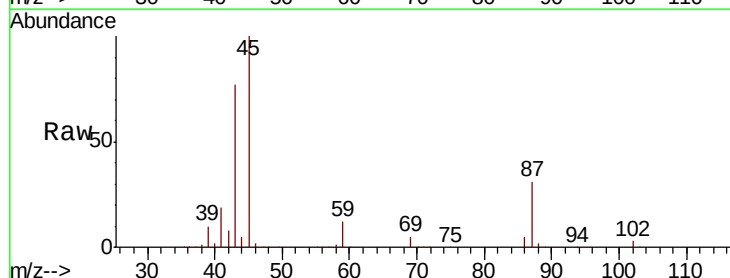
Ion Ratio Lower Upper

45 100

43 76.3 56.8 85.2

87 31.5 25.8 38.6

59 12.3 10.3 15.5



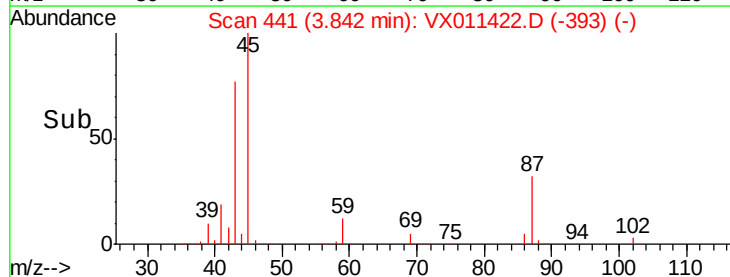
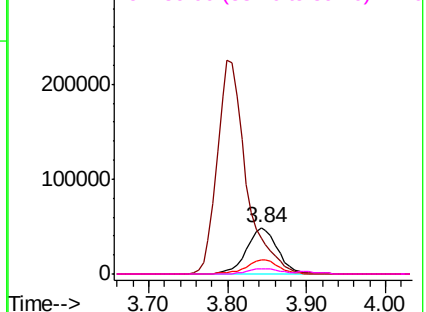
Abundance

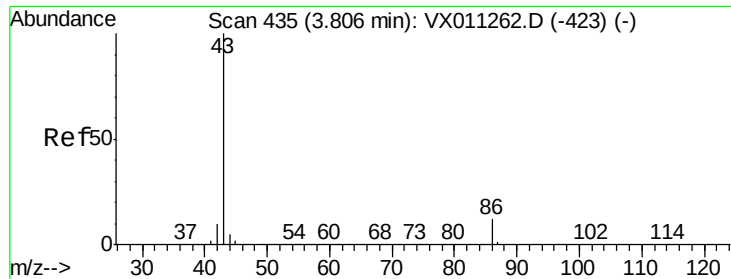
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.339 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

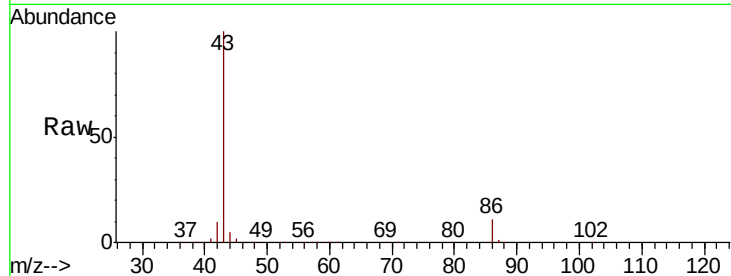
VX0811WBS01

Tgt Ion: 43 Resp: 578135

Ion Ratio Lower Upper

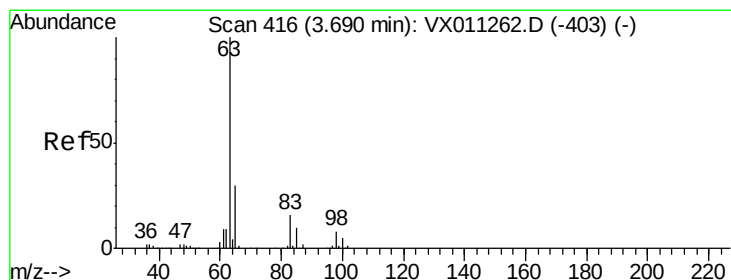
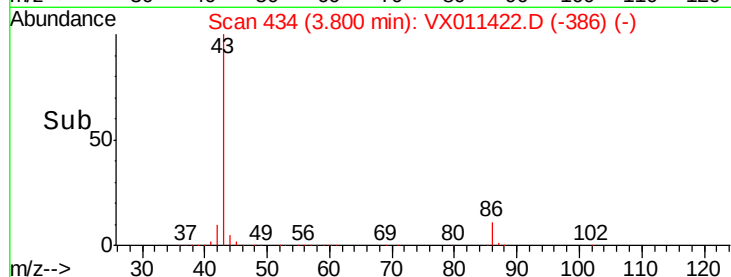
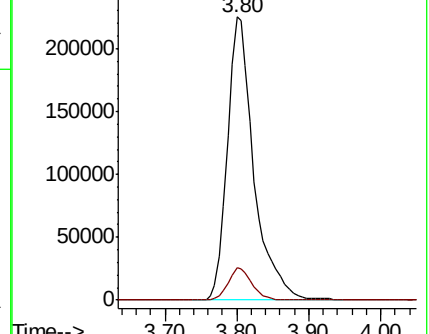
43 100

86 11.3 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.967 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

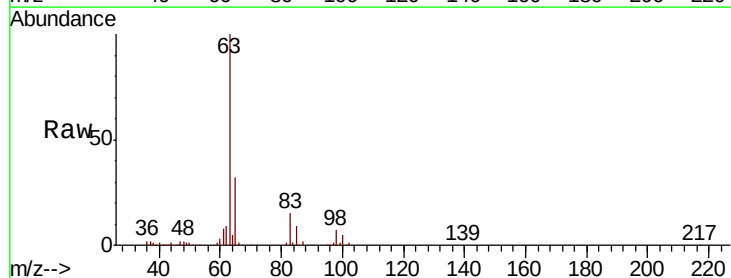
Tgt Ion: 63 Resp: 77908

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

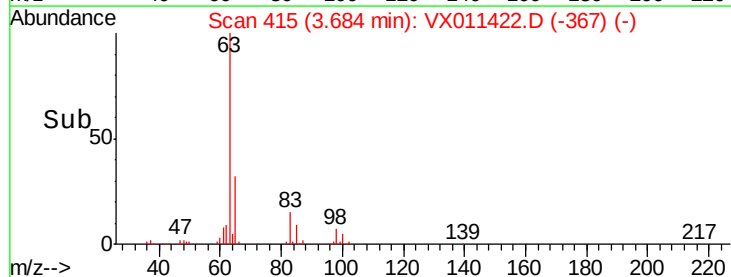
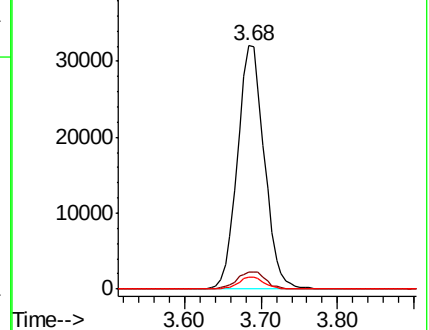
100 5.1 2.7 8.1

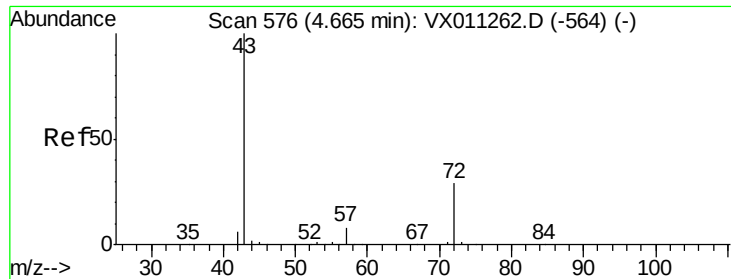


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.718 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

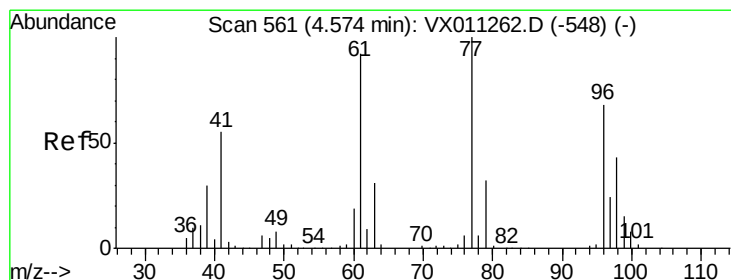
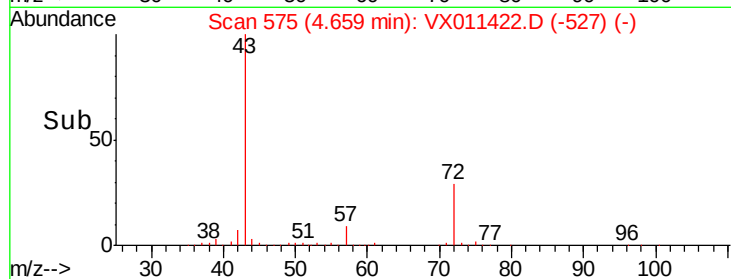
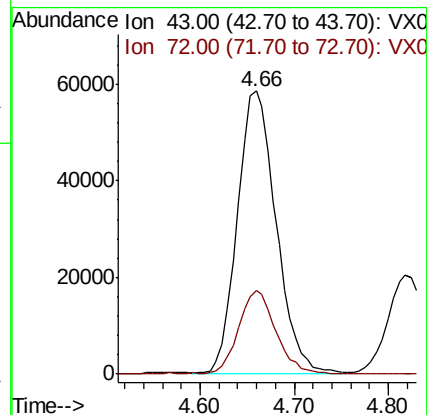
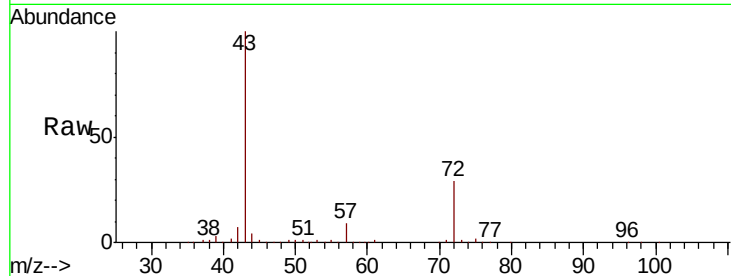
VX0811WBS01

Tgt Ion: 43 Resp: 167082

Ion Ratio Lower Upper

43 100

72 29.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 22.199 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011422.D

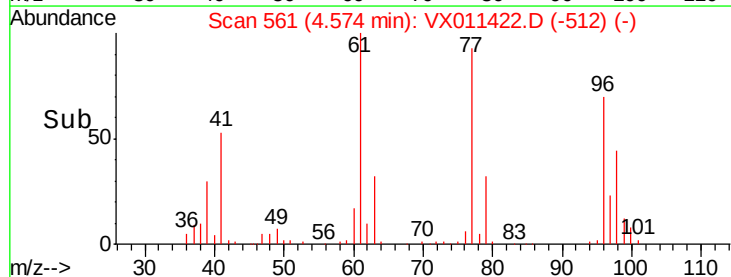
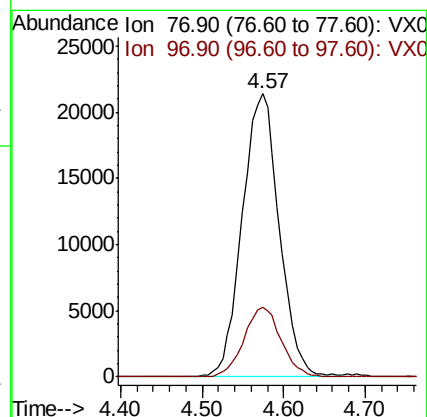
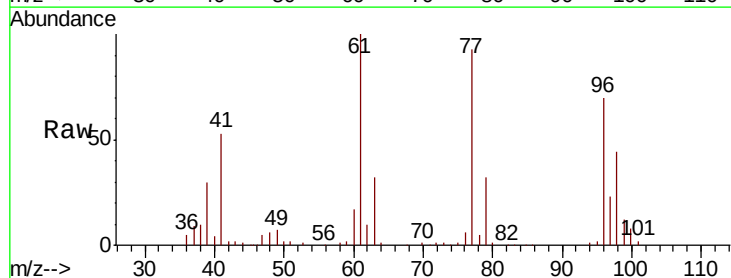
Acq: 11 Aug 2019 11:35

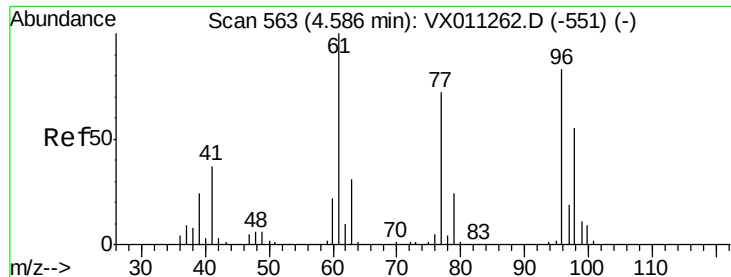
Tgt Ion: 77 Resp: 67332

Ion Ratio Lower Upper

77 100

97 24.6 12.8 38.4



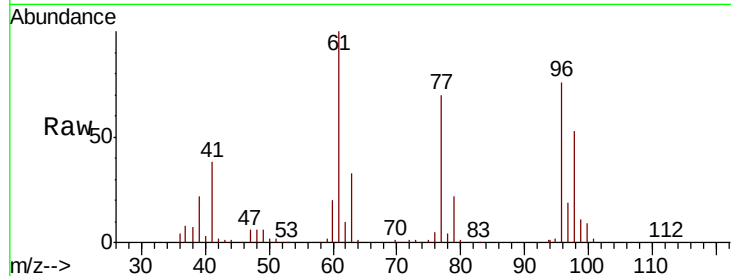


#27

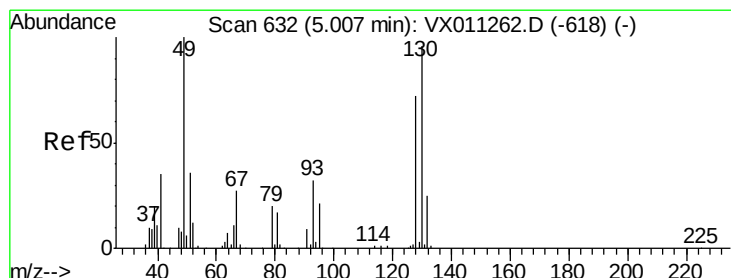
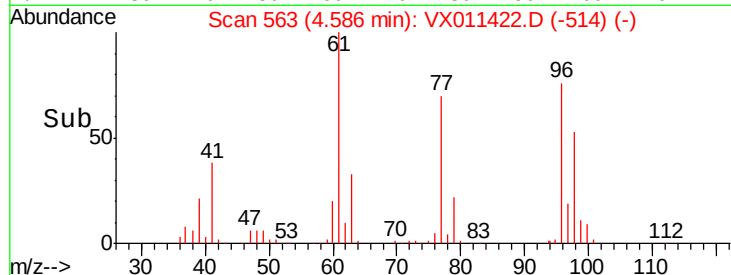
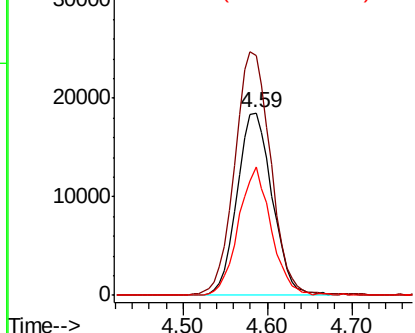
cis-1,2-Dichloroethene
Concen: 19.001 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion: 96 Resp: 52285
Ion Ratio Lower Upper
96 100
61 136.4 0.0 260.2
98 65.3 0.0 133.2



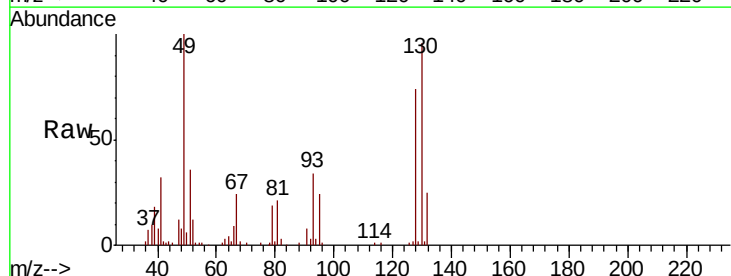
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



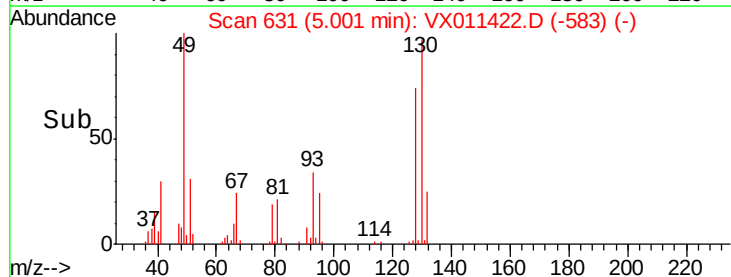
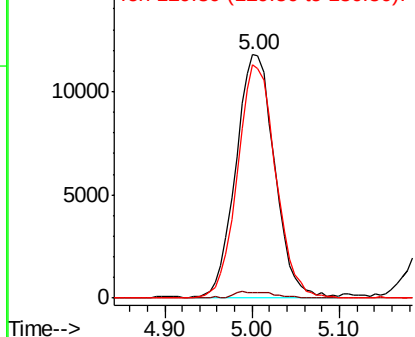
#28

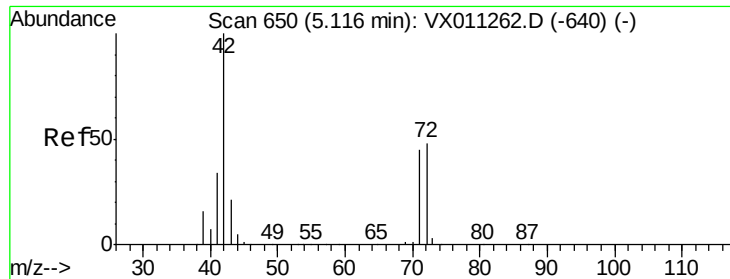
Bromochloromethane
Concen: 20.466 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 49 Resp: 36405
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.8
130 94.1 77.9 116.9



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

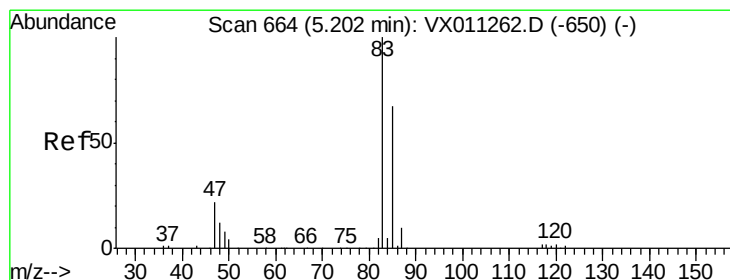
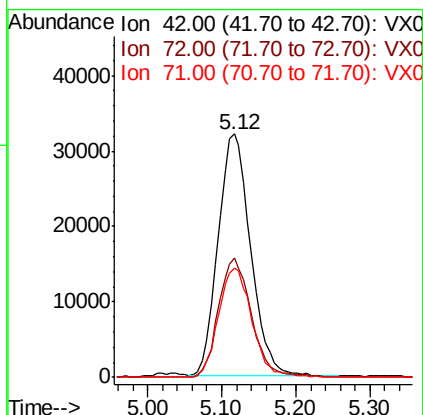
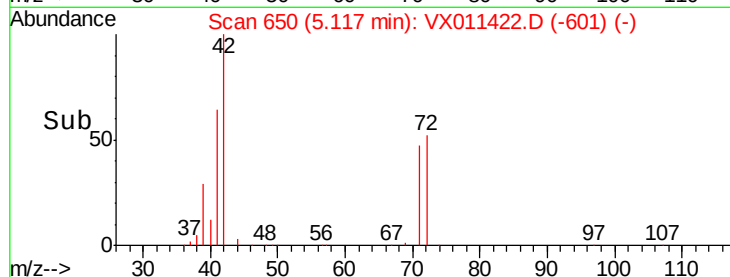
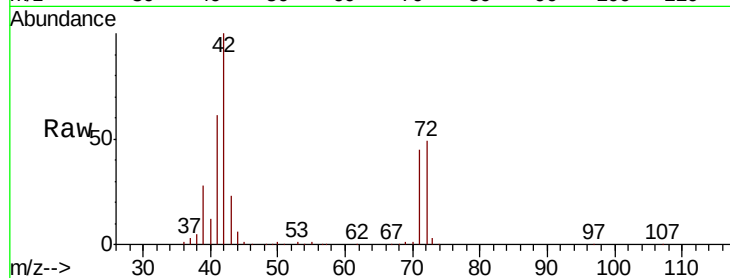




#29
Tetrahydrofuran
Concen: 94.260 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

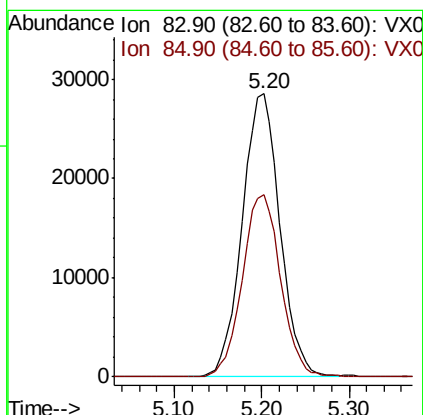
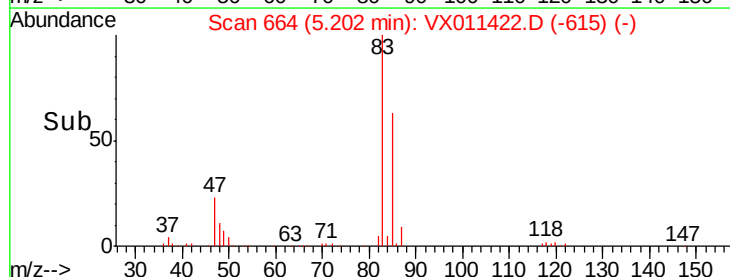
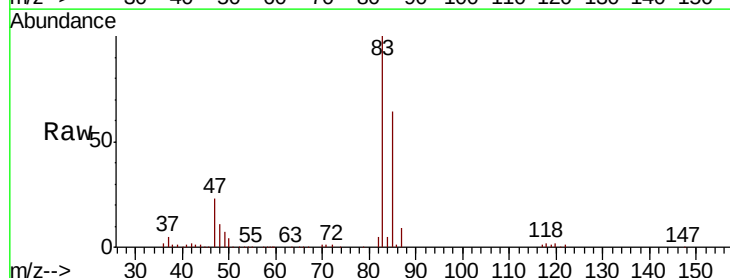
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

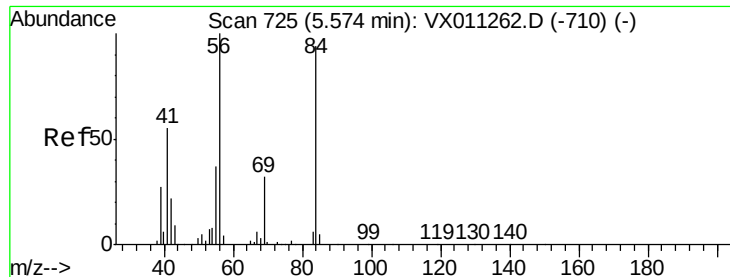
Tgt Ion: 42 Resp: 97820
Ion Ratio Lower Upper
42 100
72 50.0 39.9 59.9
71 46.2 36.9 55.3



#30
Chloroform
Concen: 20.231 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 83 Resp: 85797
Ion Ratio Lower Upper
83 100
85 64.4 53.4 80.0

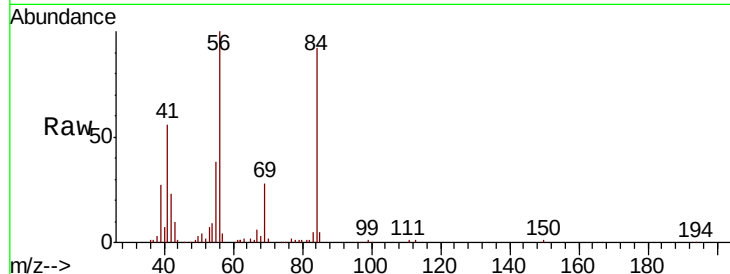




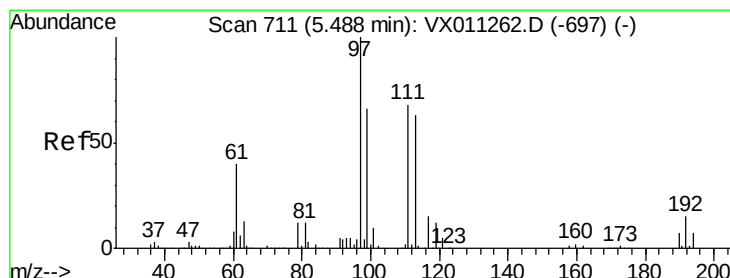
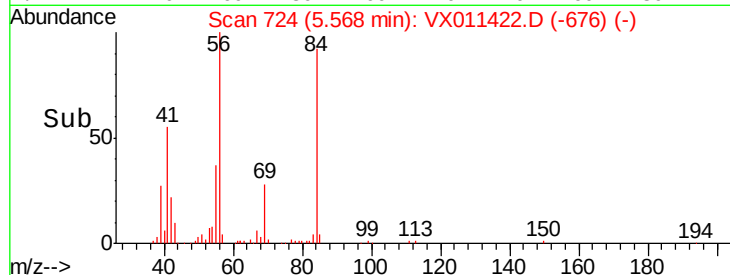
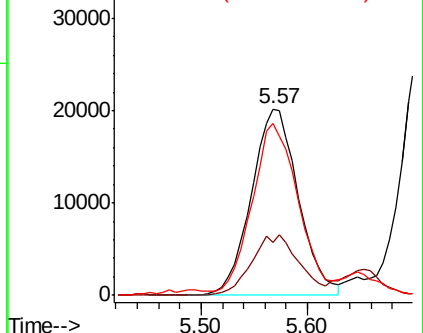
#31
Cyclohexane
Concen: 19.321 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion: 56 Resp: 62197
Ion Ratio Lower Upper
56 100
69 28.4 25.5 38.3
84 89.4 75.0 112.4

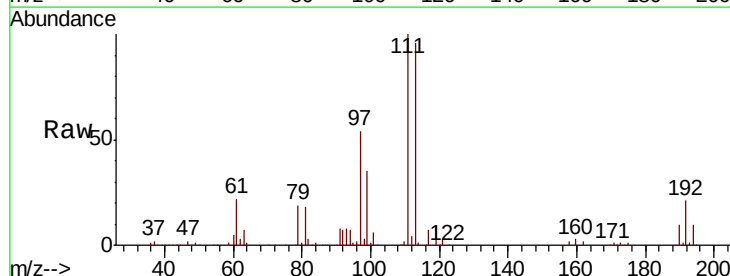


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

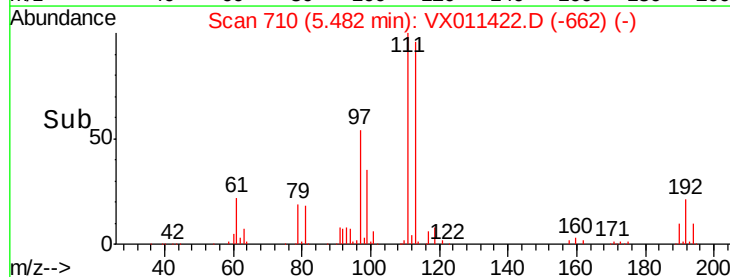
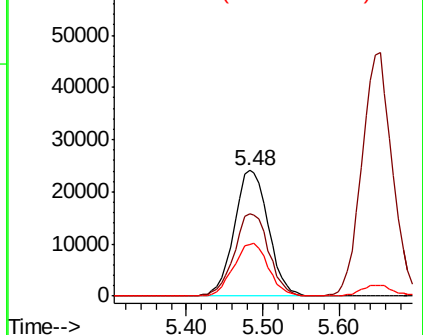


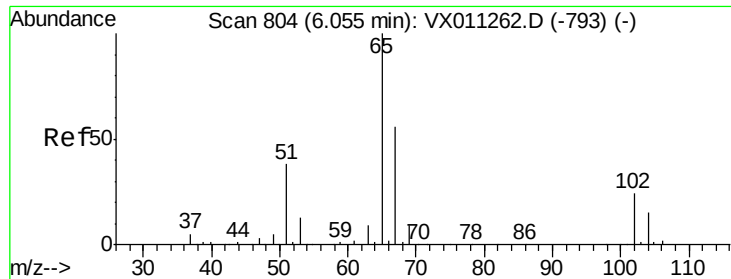
#32
1,1,1-Trichloroethane
Concen: 20.582 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 97 Resp: 74770
Ion Ratio Lower Upper
97 100
99 66.2 51.6 77.4
61 42.6 32.3 48.5



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

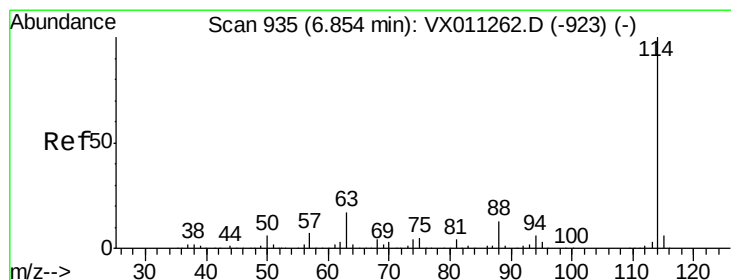
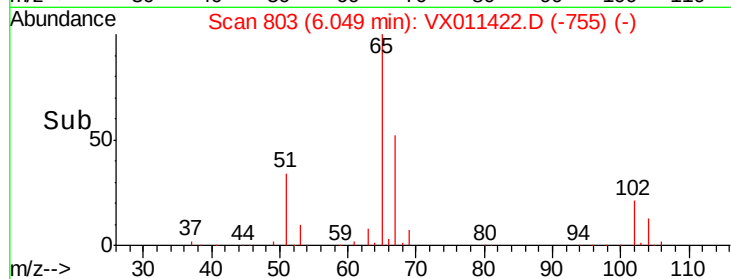
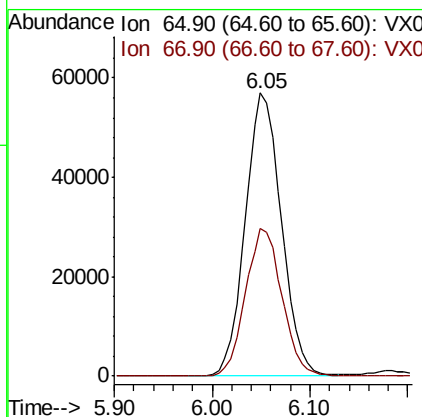
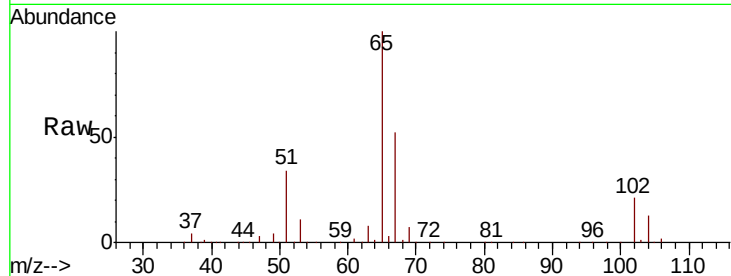




#33
 1,2-Dichloroethane-d4
 Concen: 58.545 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

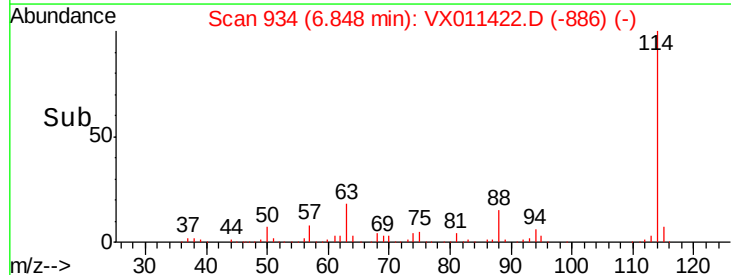
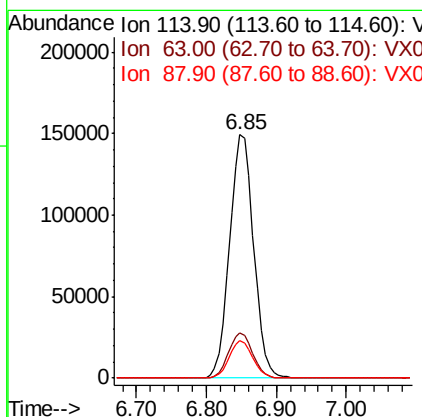
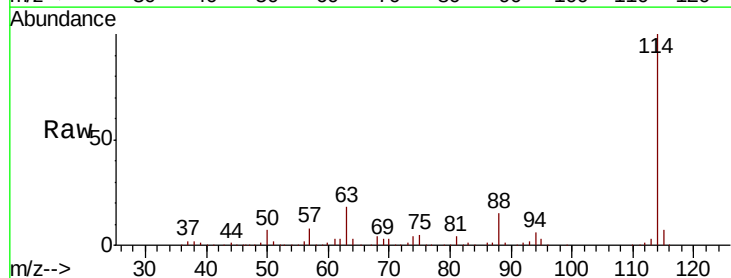
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

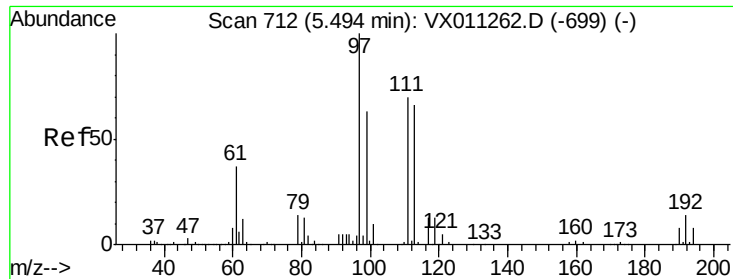
Tgt Ion: 65 Resp: 146346
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 114 Resp: 357017
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 15.3 0.0 26.4

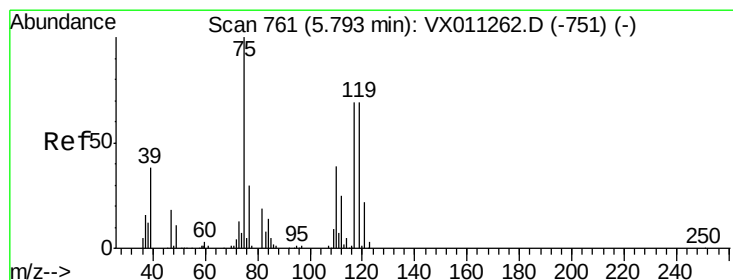
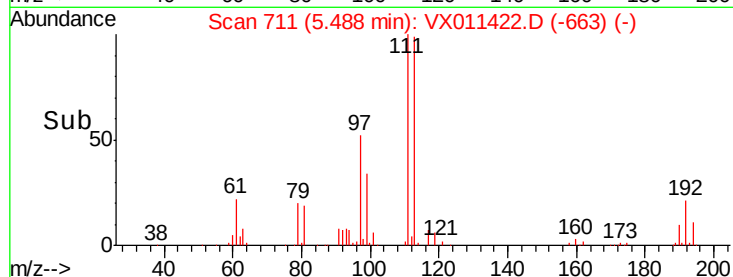
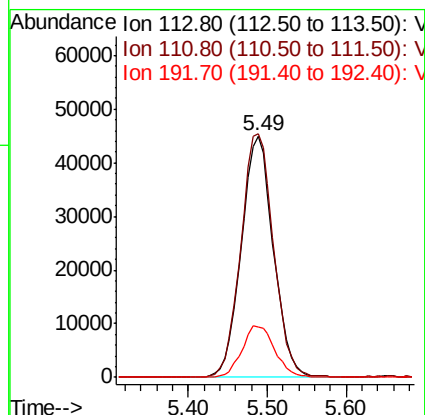
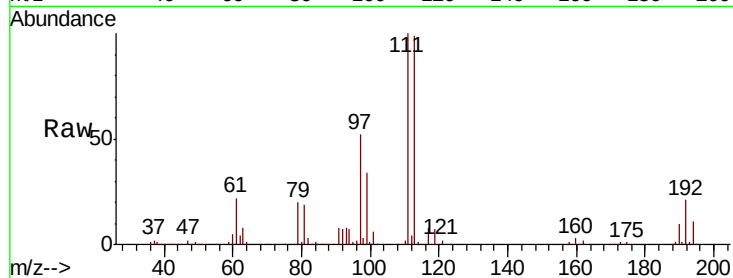




#35
 Dibromofluoromethane
 Concen: 54.514 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

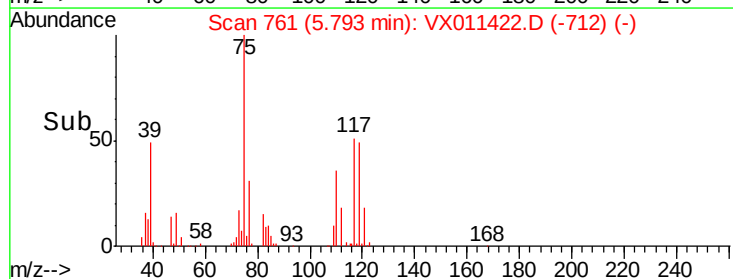
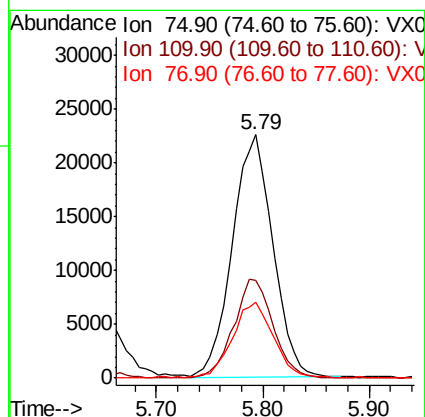
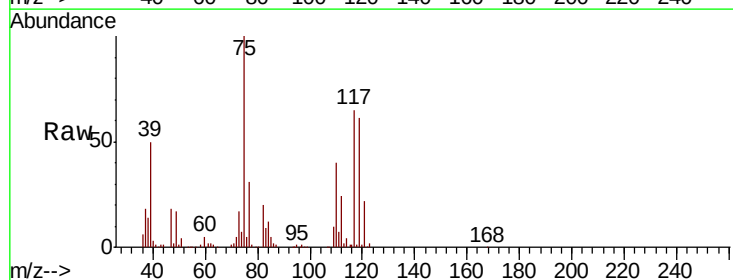
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

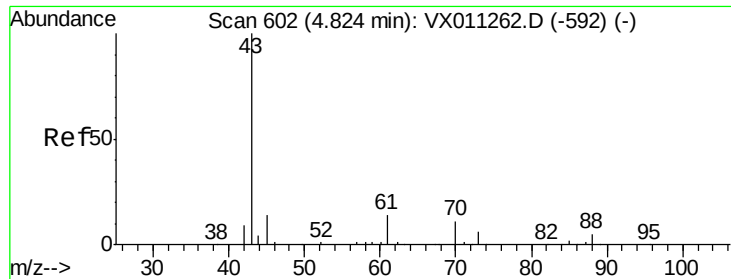
Tgt Ion: 113 Resp: 127065
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 21.8 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 19.307 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 75 Resp: 60183
 Ion Ratio Lower Upper
 75 100
 110 39.7 20.0 59.9
 77 31.7 24.8 37.2

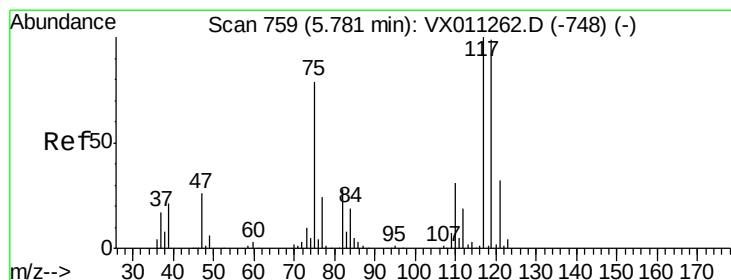
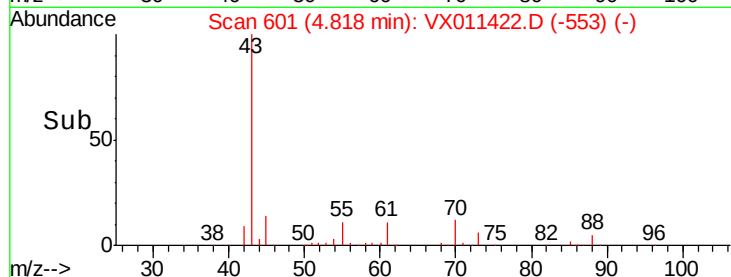
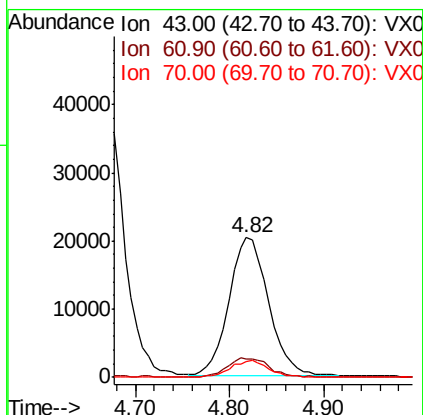
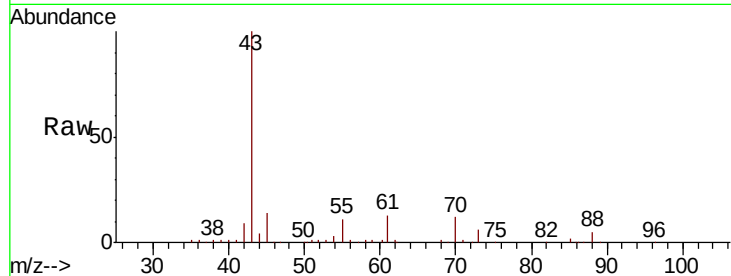




#37
Ethyl Acetate
Concen: 19.101 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

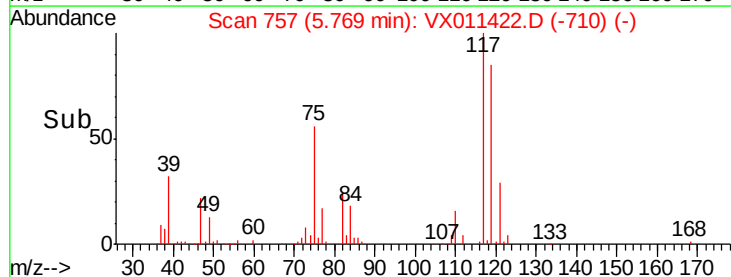
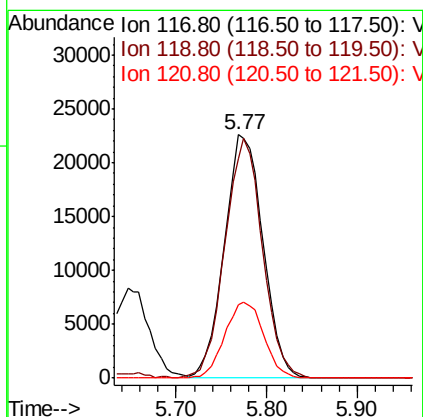
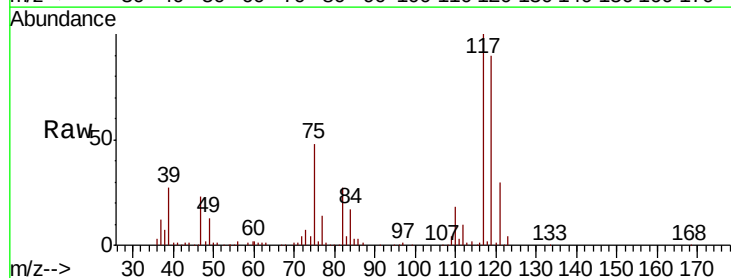
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

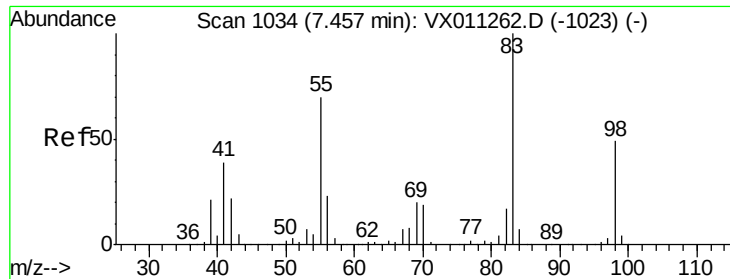
Tgt Ion: 43 Resp: 59724
Ion Ratio Lower Upper
43 100
61 15.0 12.6 18.8
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.347 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 117 Resp: 66943
Ion Ratio Lower Upper
117 100
119 90.1 79.0 118.4
121 30.4 25.9 38.9

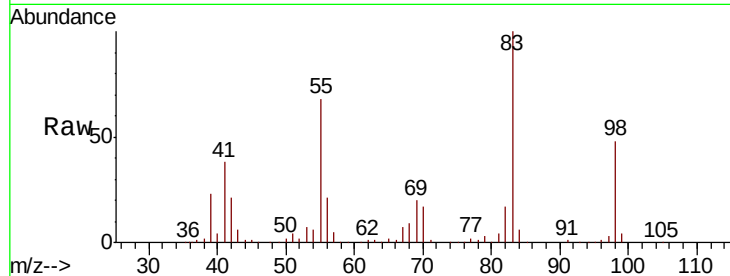




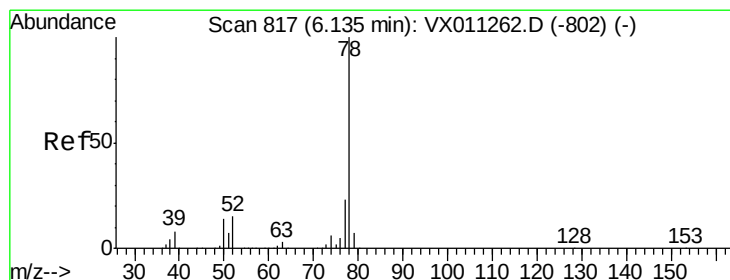
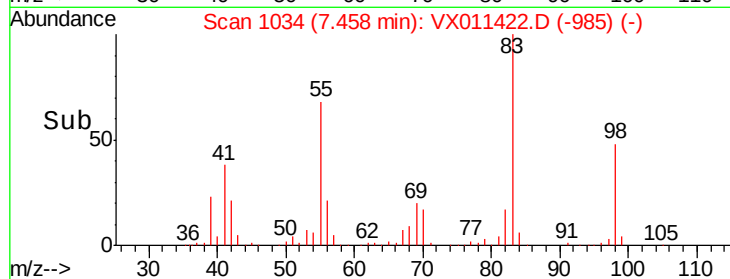
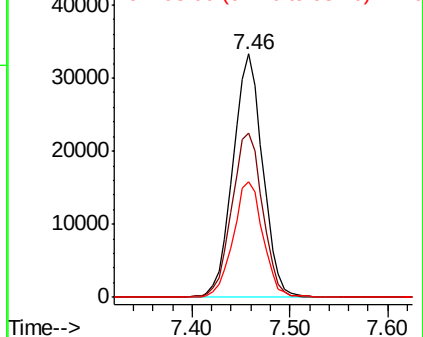
#39
Methylcyclohexane
Concen: 19.004 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Instrument :
MSVOA_X
ClientSampled :
VX0811WBS01

Tgt Ion: 83 Resp: 70216
Ion Ratio Lower Upper
83 100
55 67.6 56.1 84.1
98 47.5 39.0 58.4

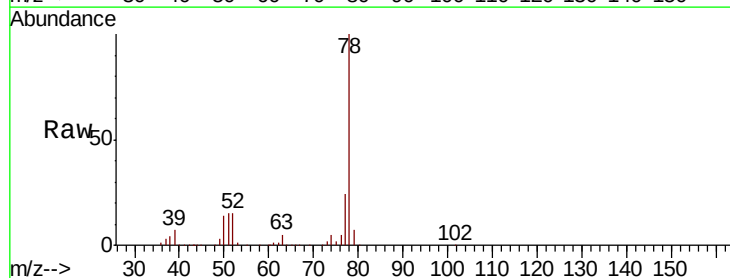


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

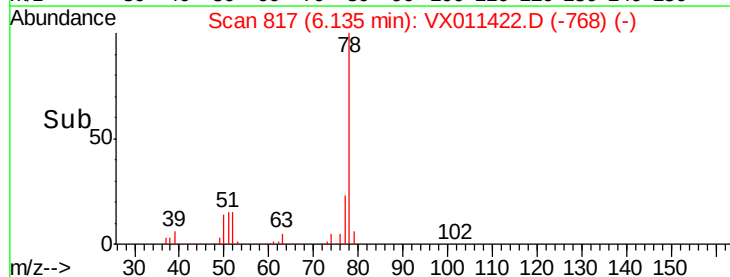
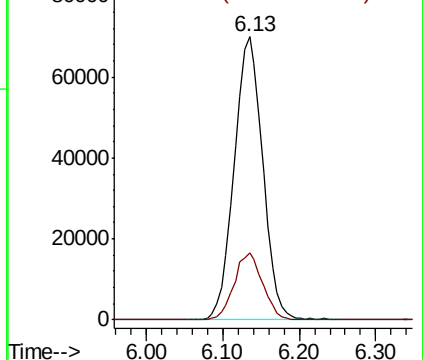


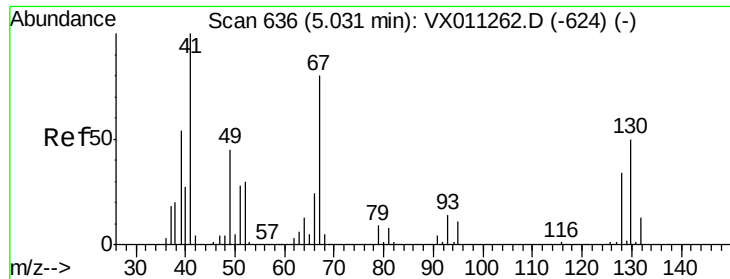
#40
Benzene
Concen: 19.444 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 78 Resp: 180859
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2



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





#41

Methacrylonitrile

Concen: 20.166 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 41 Resp: 34434

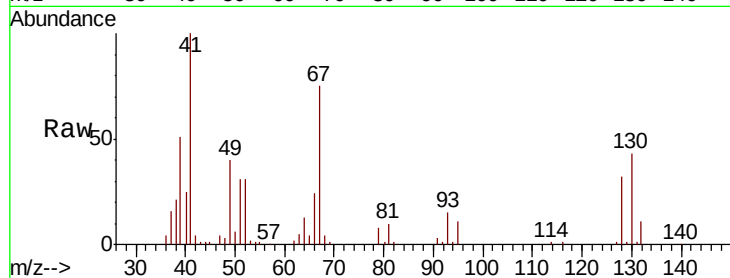
Ion Ratio Lower Upper

41 100

39 52.9 43.0 64.6

67 76.6 65.1 97.7

52 32.3 24.8 37.2



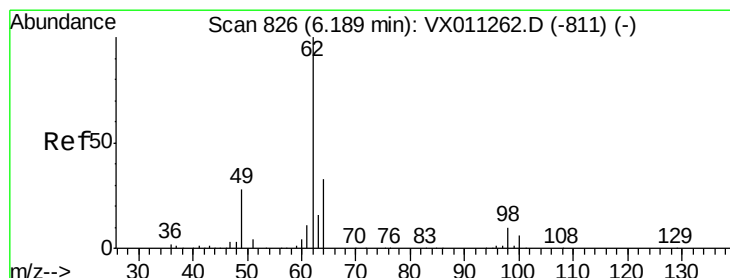
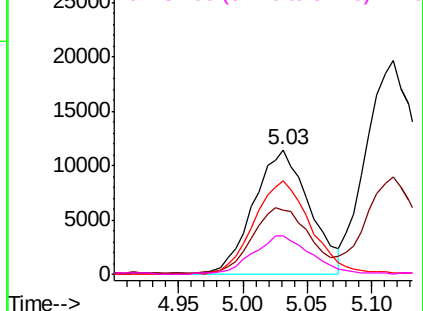
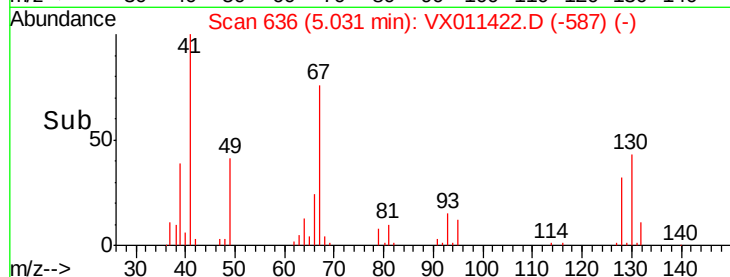
Abundance

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: 21.793 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011422.D

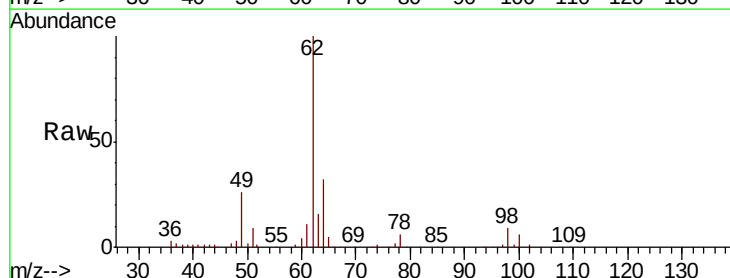
Acq: 11 Aug 2019 11:35

Tgt Ion: 62 Resp: 68548

Ion Ratio Lower Upper

62 100

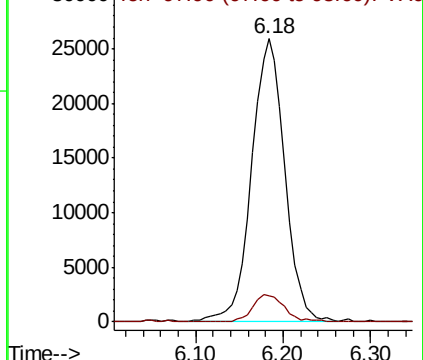
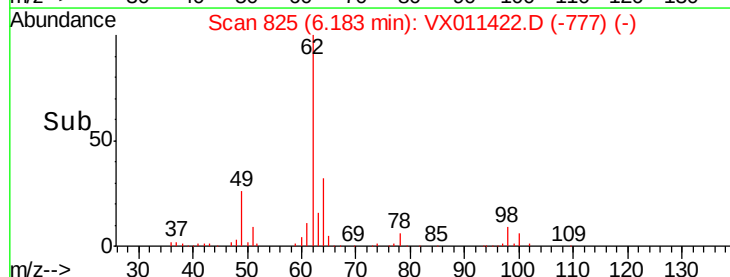
98 9.3 0.0 20.6

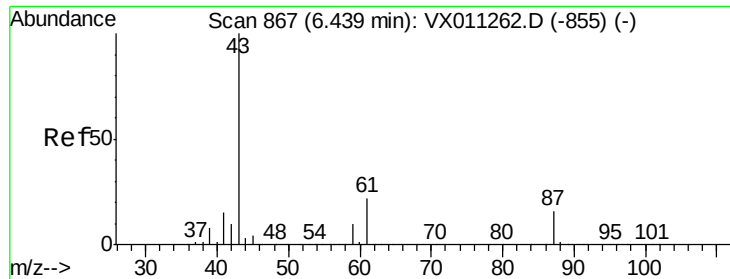


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.368 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

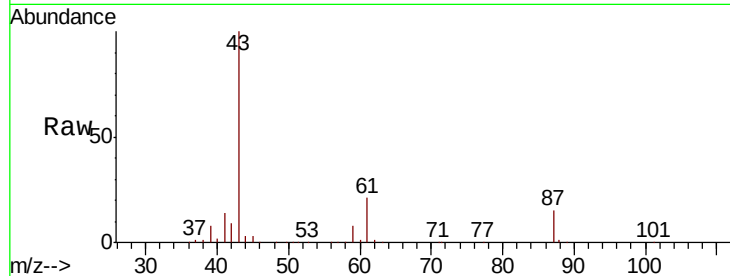
Tgt Ion: 43 Resp: 101817

Ion Ratio Lower Upper

43 100

61 20.7 16.5 24.7

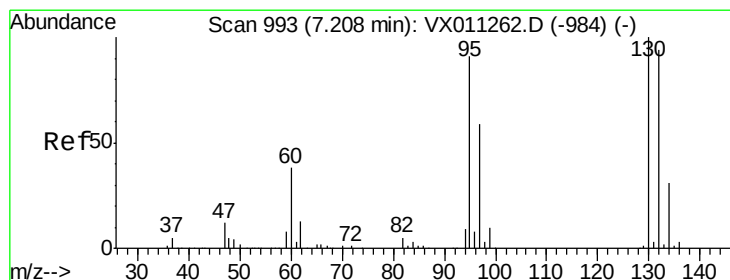
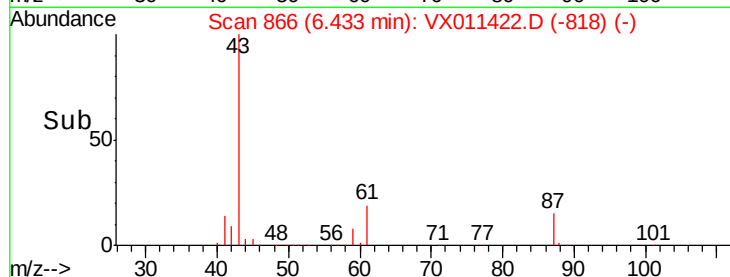
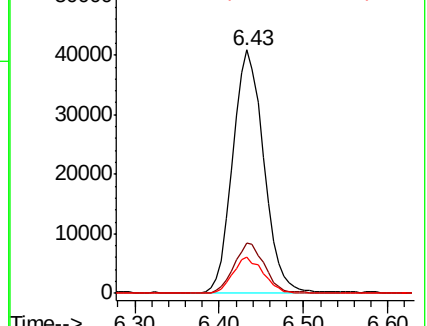
87 14.7 12.1 18.1



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: 18.923 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX011422.D

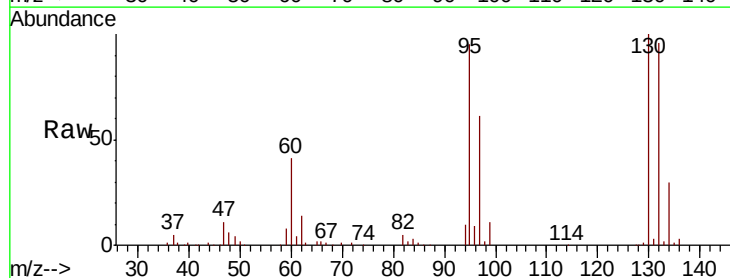
Acq: 11 Aug 2019 11:35

Tgt Ion: 130 Resp: 53276

Ion Ratio Lower Upper

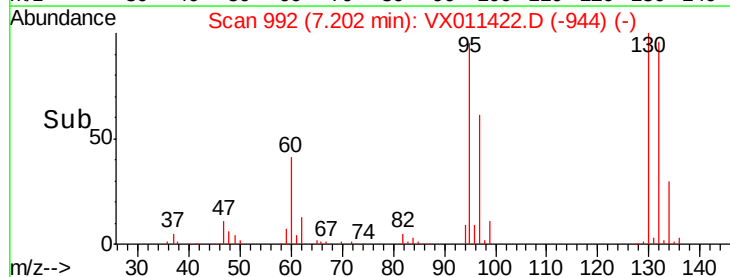
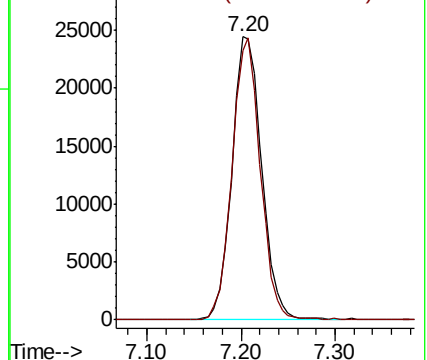
130 100

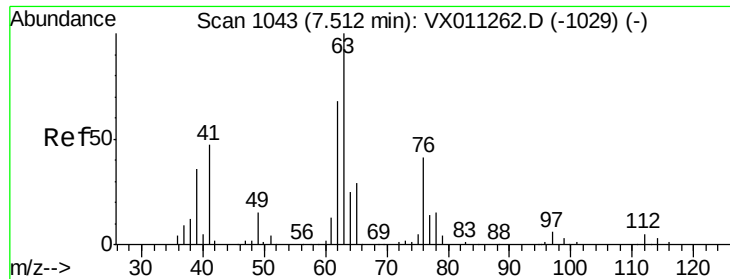
95 95.3 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

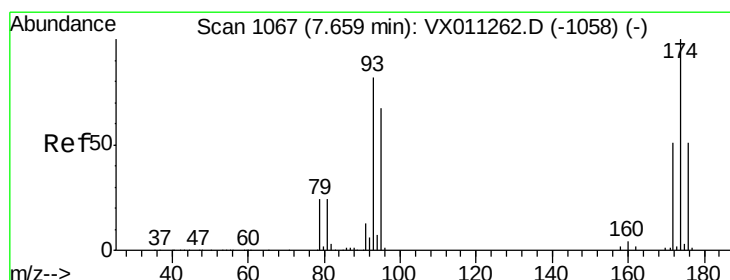
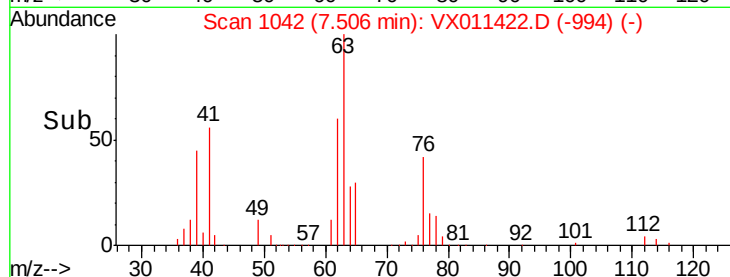
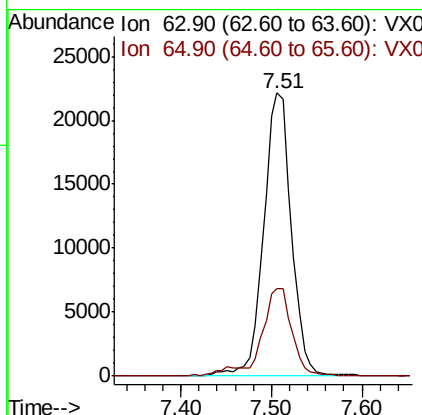
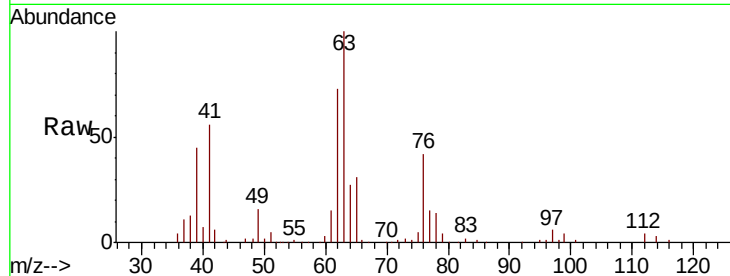




#45
 1,2-Dichloropropane
 Concen: 19.393 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

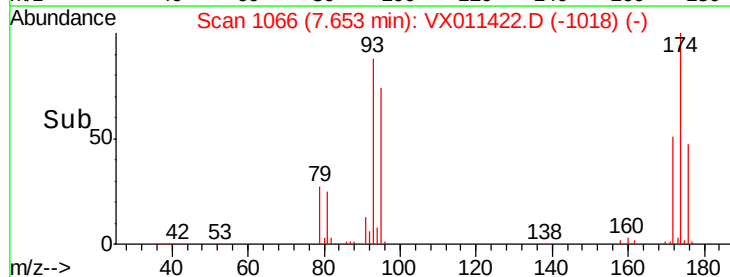
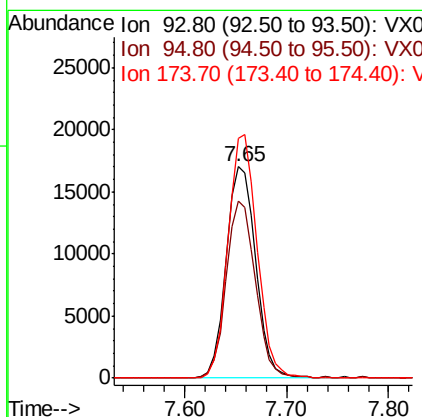
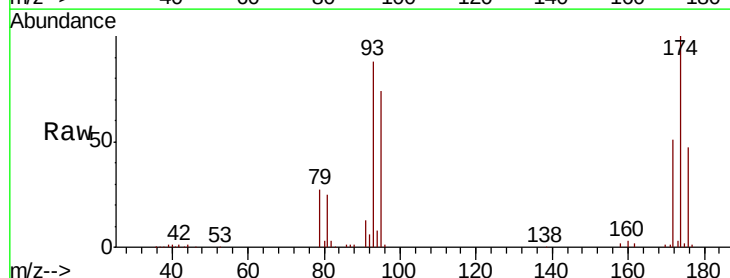
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

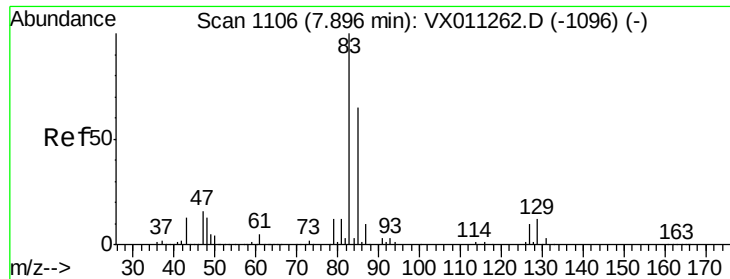
Tgt Ion: 63 Resp: 46716
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.3 34.9



#46
 Dibromomethane
 Concen: 19.419 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 93 Resp: 34150
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 113.1 93.4 140.2





#47

Bromodichloromethane

Concen: 21.592 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

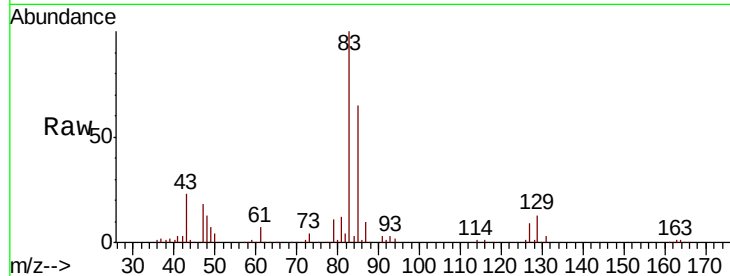
Tgt Ion: 83 Resp: 64288

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

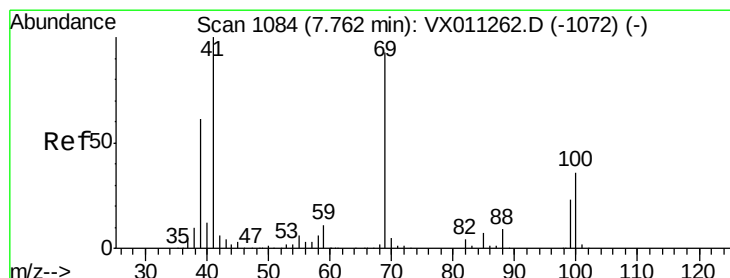
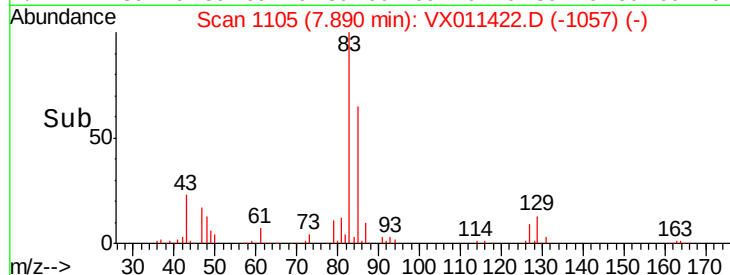
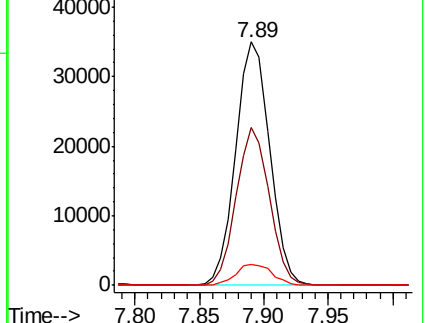
127 8.5 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.373 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

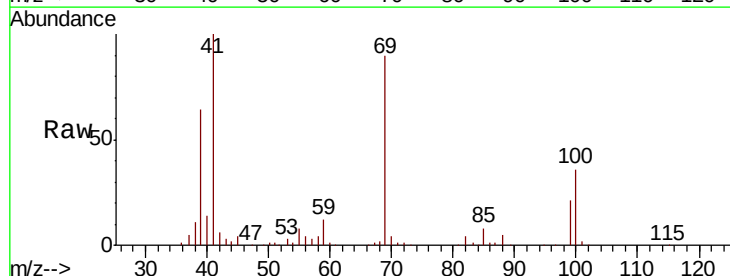
Tgt Ion: 41 Resp: 47929

Ion Ratio Lower Upper

41 100

69 91.6 74.5 111.7

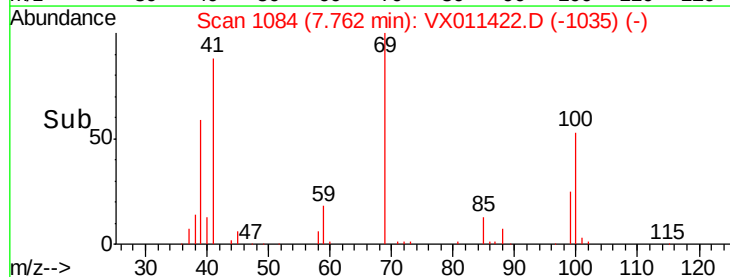
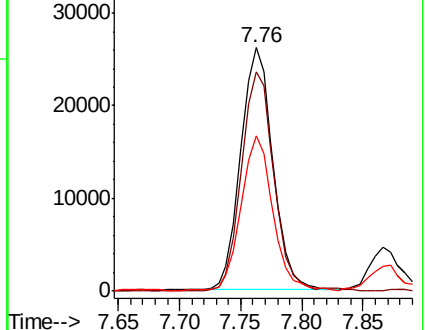
39 62.7 48.6 72.8

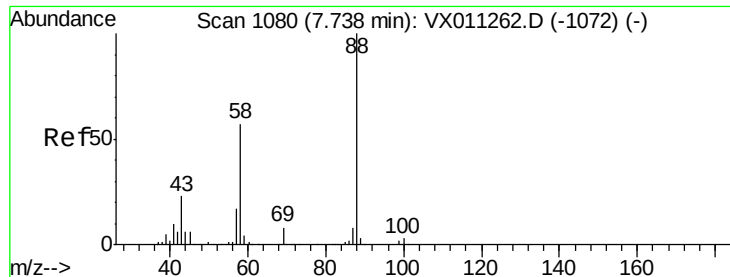


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

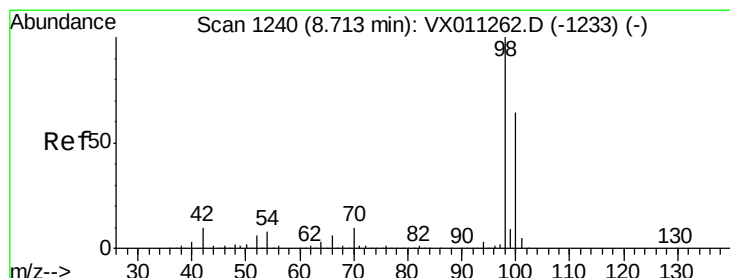
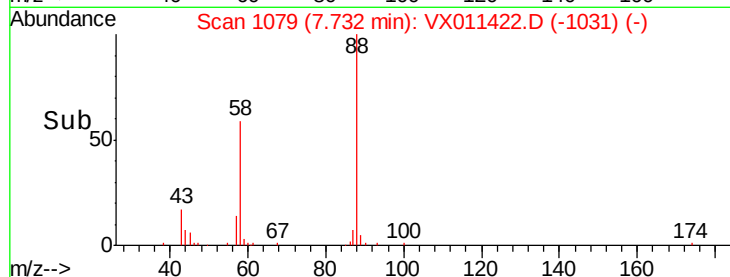
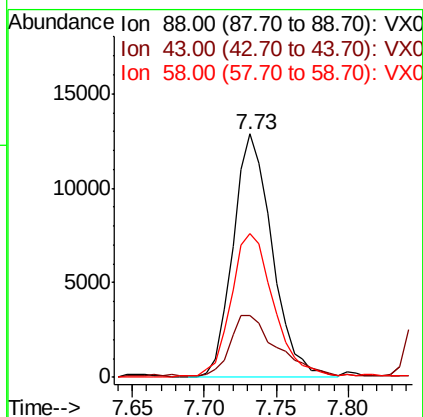
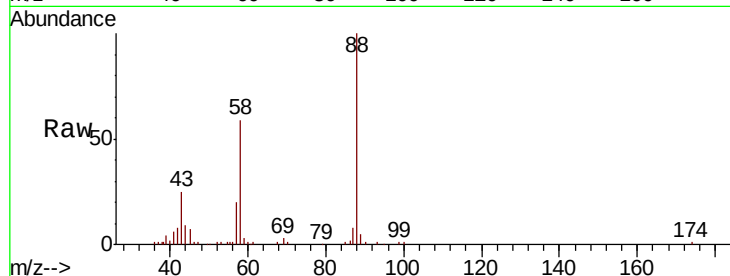




#49
 1,4-Dioxane
 Concen: 356.473 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

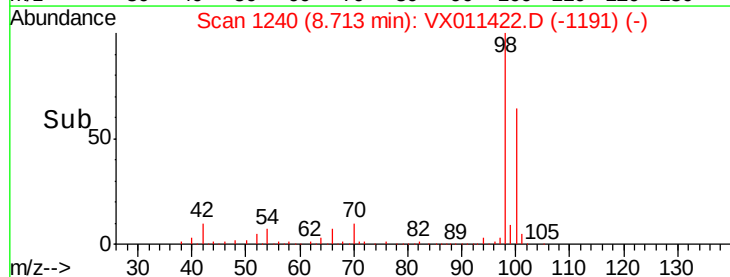
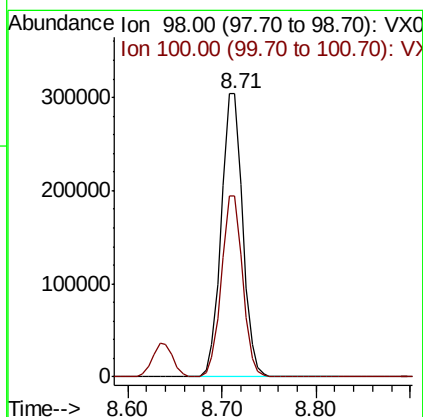
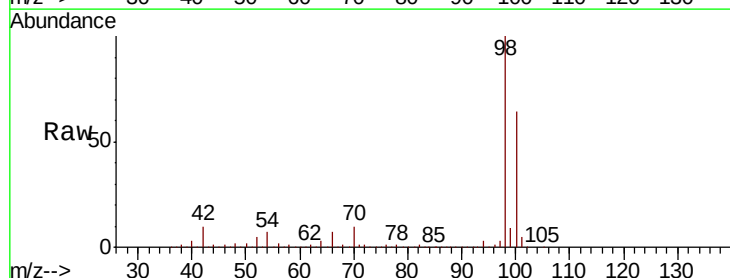
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

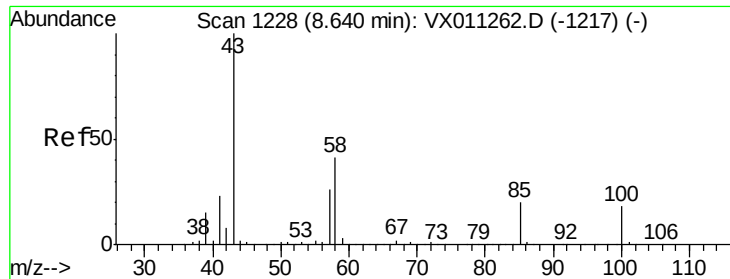
Tgt Ion: 88 Resp: 24312
 Ion Ratio Lower Upper
 88 100
 43 29.5 22.2 33.2
 58 65.3 47.8 71.8



#50
 Toluene-d8
 Concen: 54.436 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 98 Resp: 478953
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 100.628 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

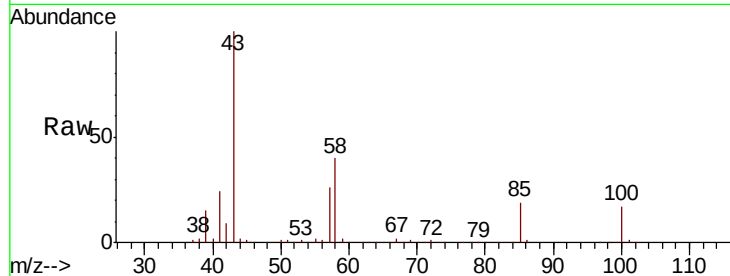
VX0811WBS01

Tgt Ion: 43 Resp: 324632

Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

150000

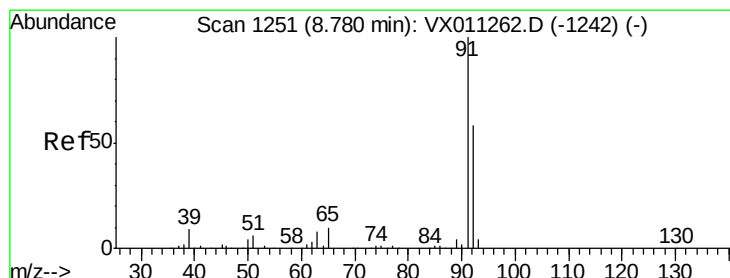
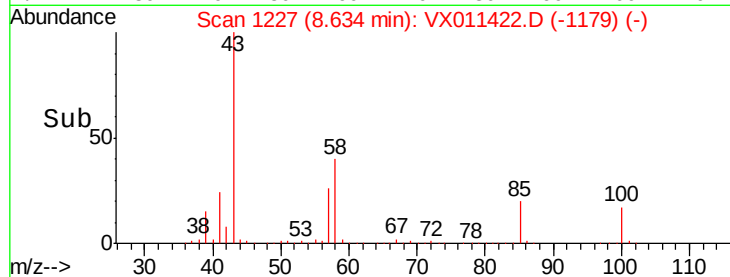
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.830 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011422.D

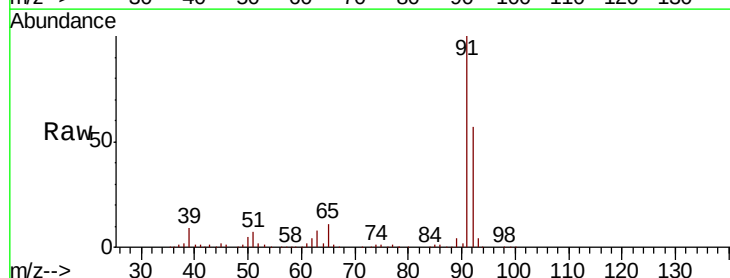
Acq: 11 Aug 2019 11:35

Tgt Ion: 92 Resp: 121951

Ion Ratio Lower Upper

92 100

91 173.8 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

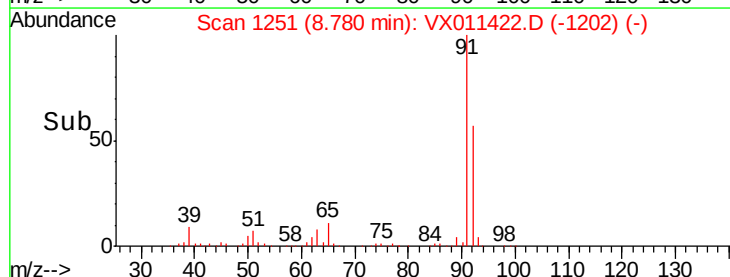
100000

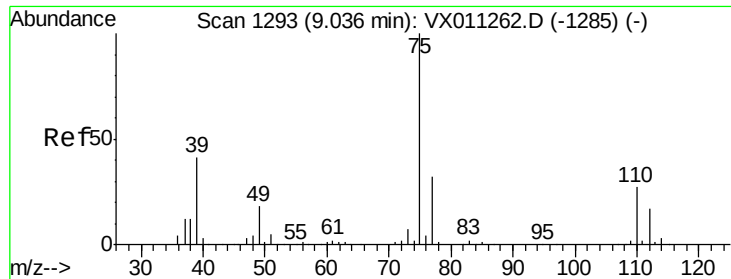
50000

0

8.70 8.75 8.80 8.85 8.90

Time-->

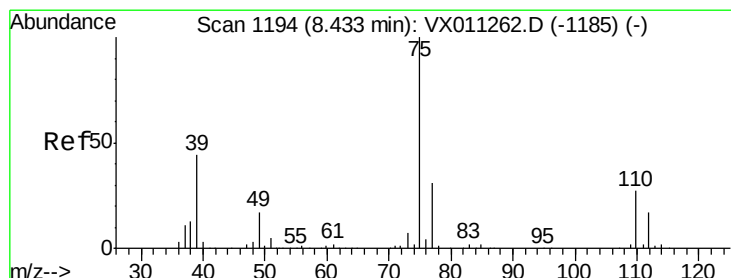
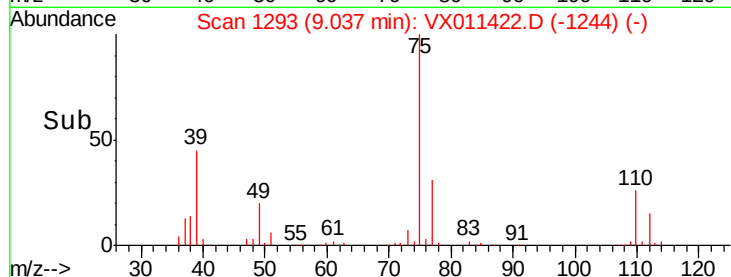
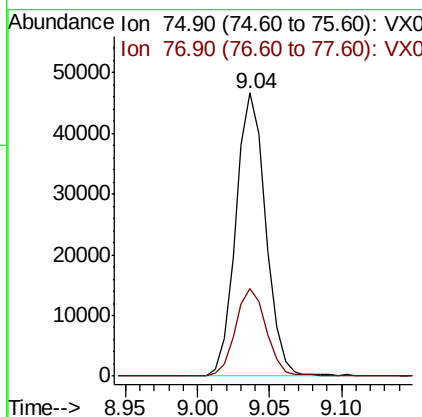
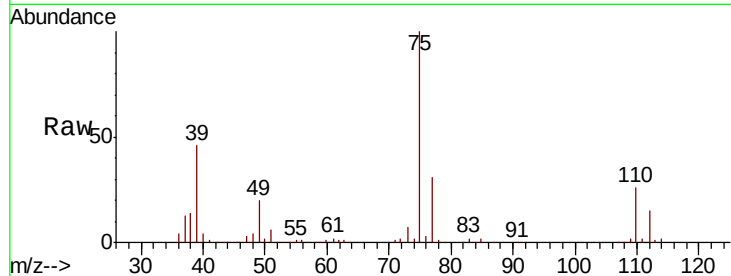




#53
 t-1,3-Dichloropropene
 Concen: 21.194 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

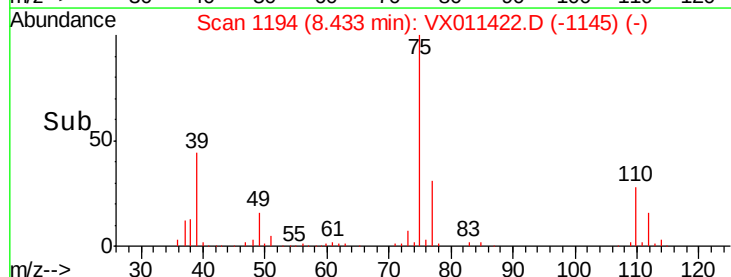
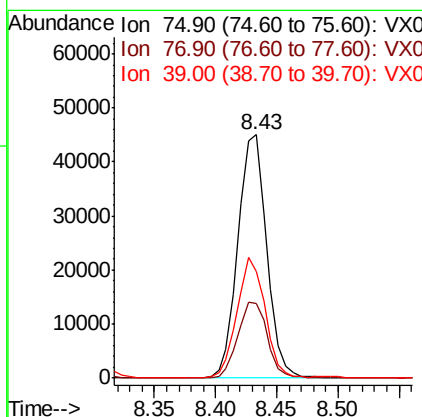
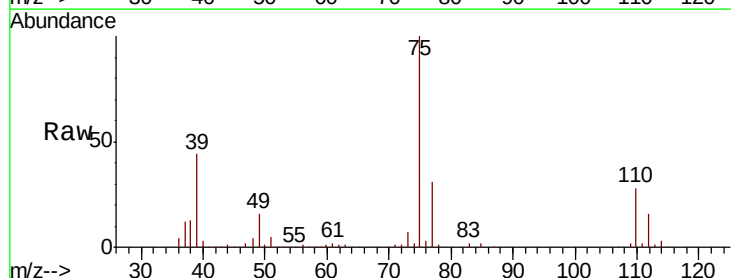
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

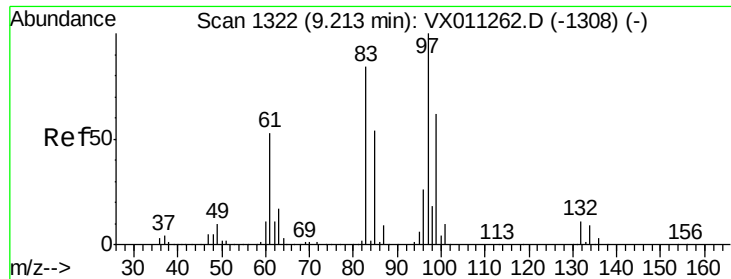
Tgt Ion: 75 Resp: 67477
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.160 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 75 Resp: 73594
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6
 39 43.7 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 20.186 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0811WBS01

Tgt Ion: 97 Resp: 51042

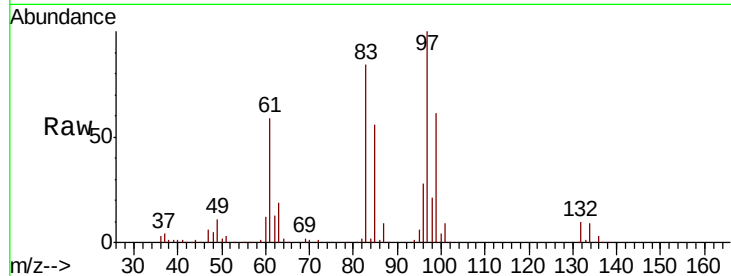
Ion Ratio Lower Upper

97 100

83 84.4 67.6 101.4

85 55.6 43.4 65.0

99 60.9 49.6 74.4

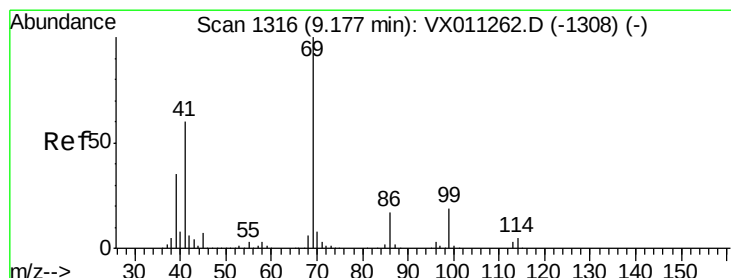
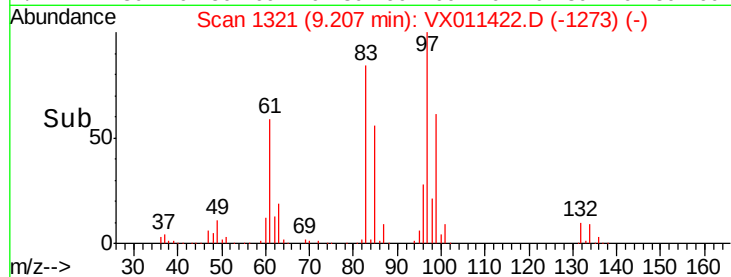
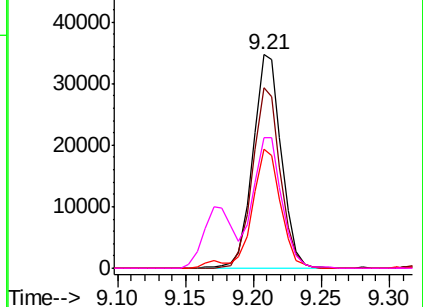


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.631 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

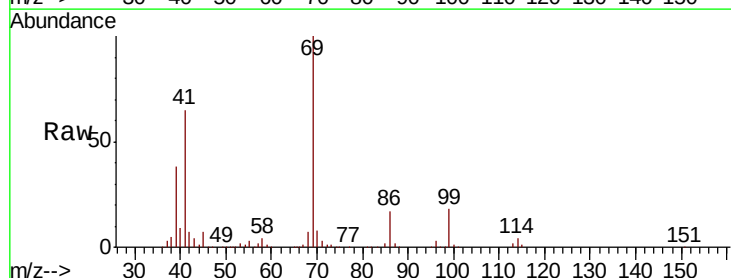
Tgt Ion: 69 Resp: 74341

Ion Ratio Lower Upper

69 100

41 63.1 48.6 73.0

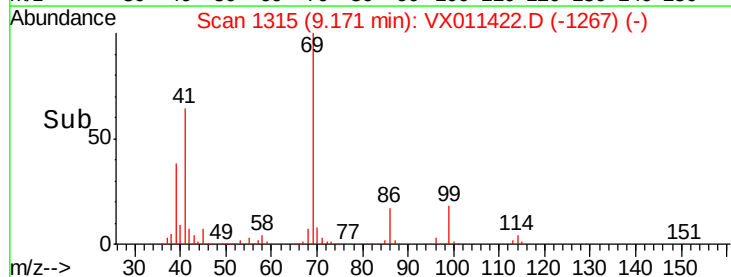
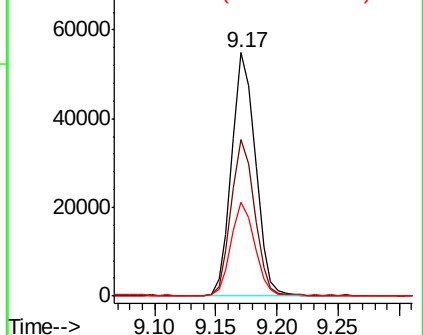
39 37.6 29.4 44.2

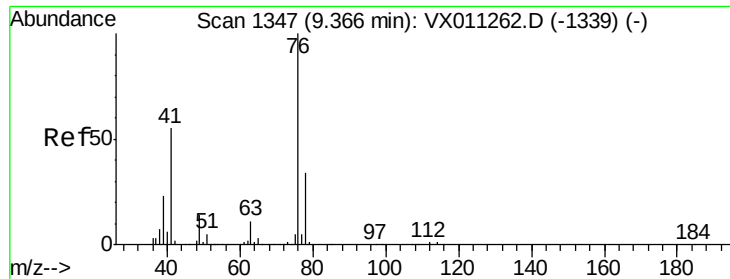


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

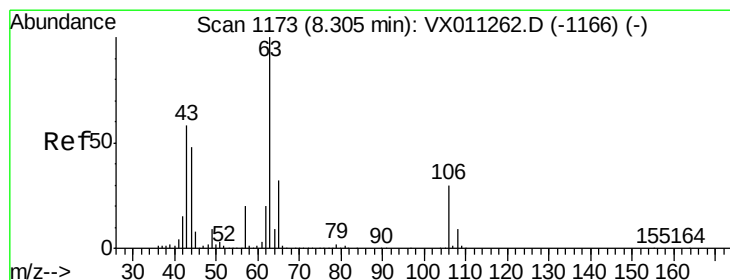
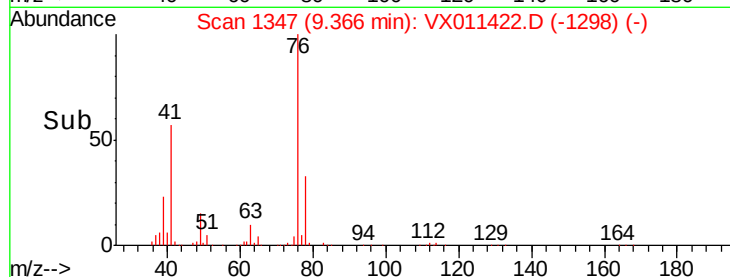
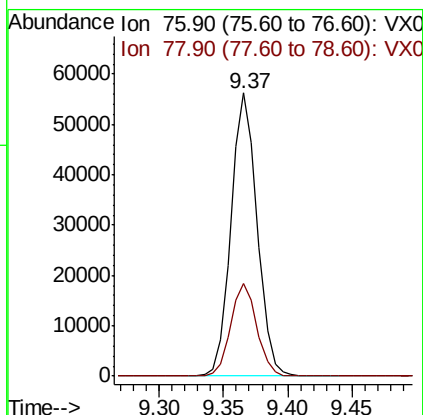
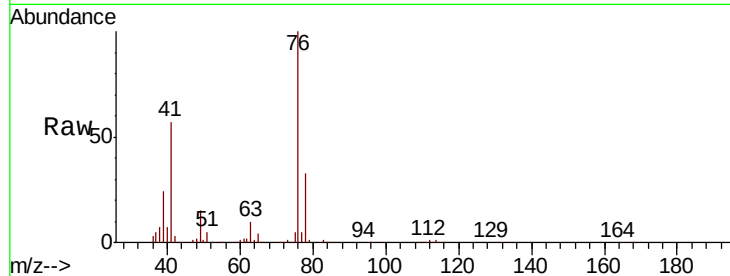




#57
 1,3-Dichloropropane
 Concen: 19.981 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

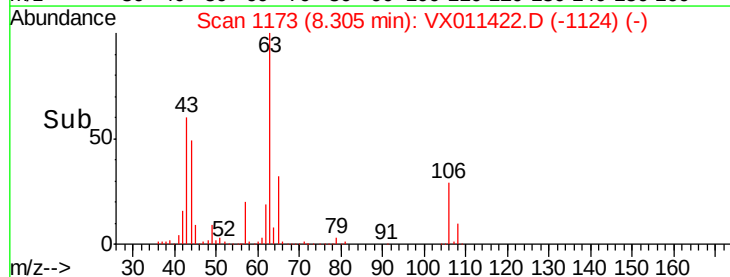
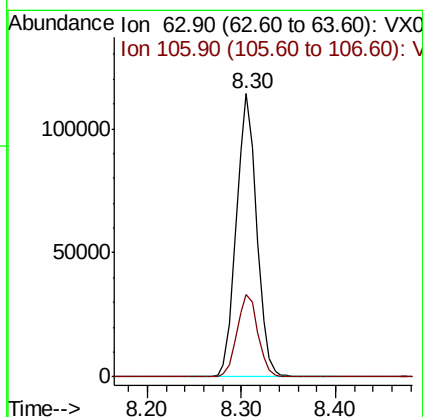
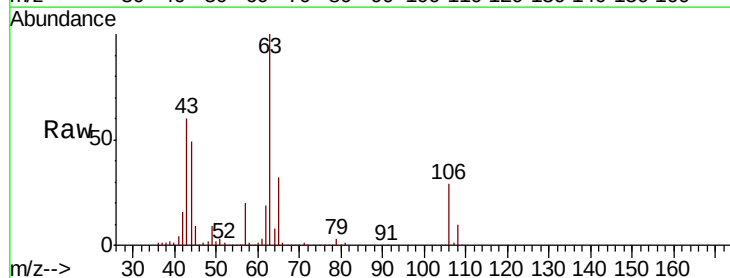
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

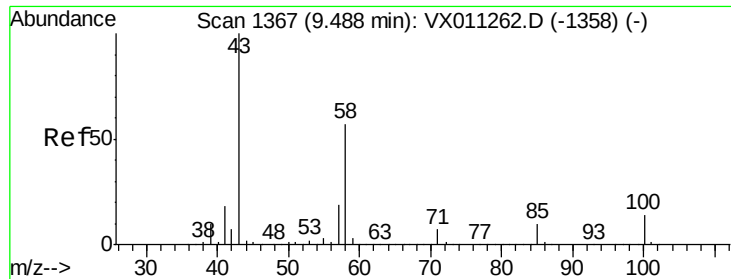
Tgt Ion: 76 Resp: 79902
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.668 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 63 Resp: 171272
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.4 36.6

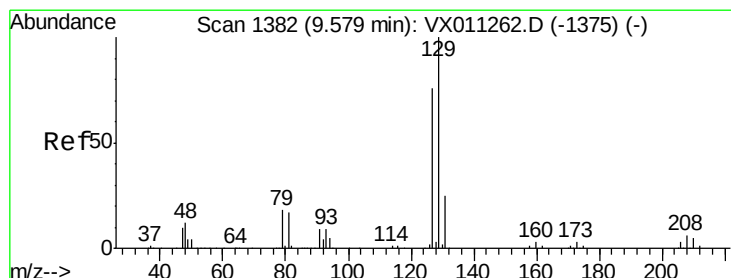
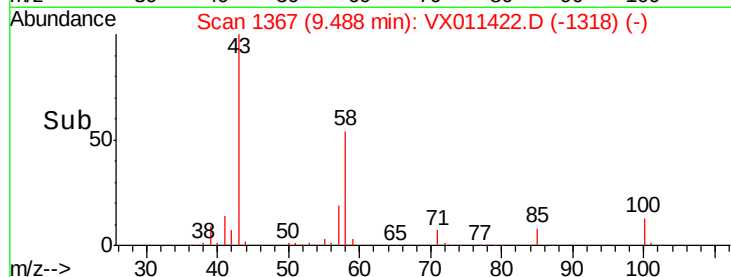
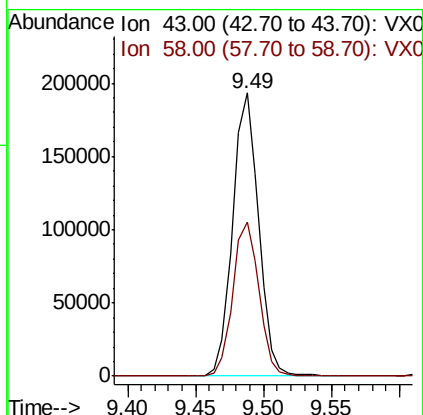
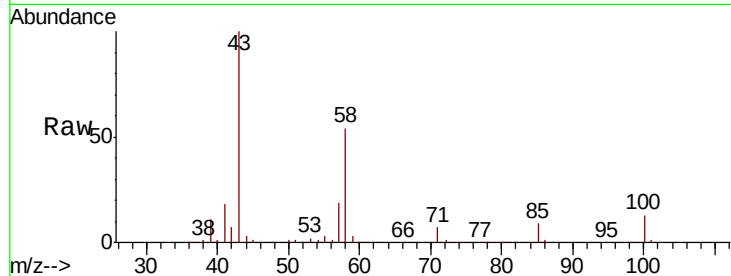




#59
 2-Hexanone
 Concen: 102.695 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

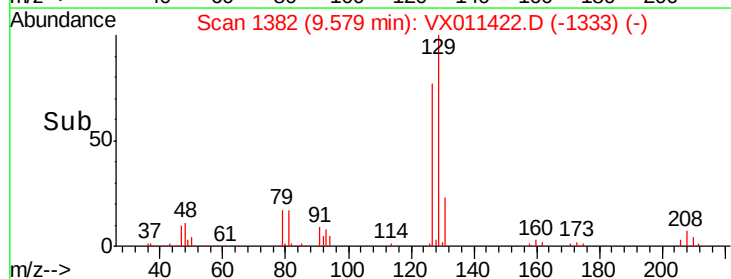
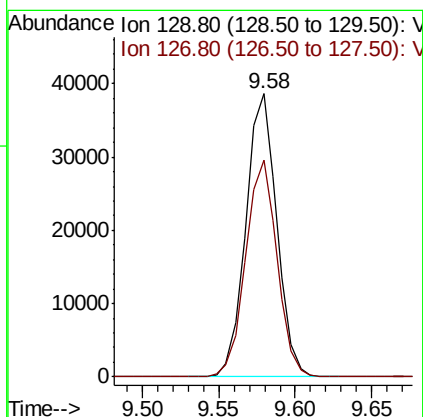
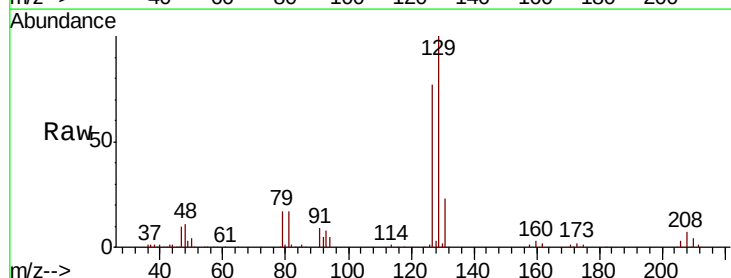
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

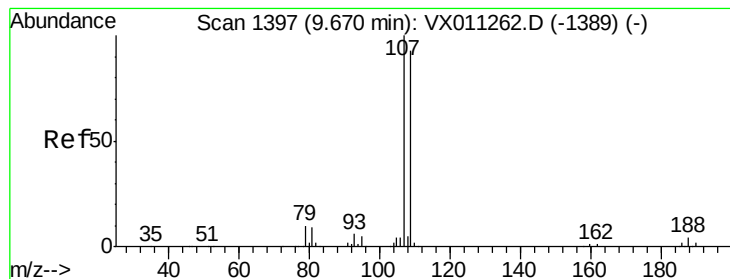
Tgt Ion: 43 Resp: 256614
 Ion Ratio Lower Upper
 43 100
 58 55.2 28.2 84.6



#60
 Dibromochloromethane
 Concen: 20.944 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 129 Resp: 54220
 Ion Ratio Lower Upper
 129 100
 127 78.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.679 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

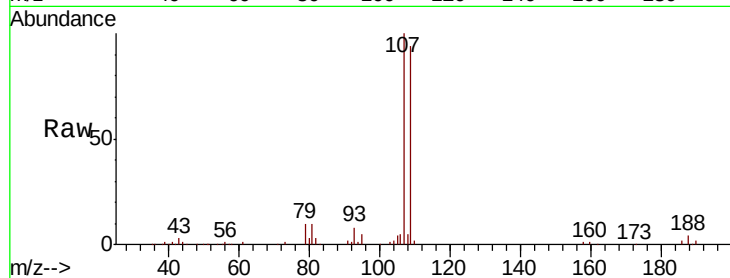
VX0811WBS01

Tgt Ion: 107 Resp: 53761

Ion Ratio Lower Upper

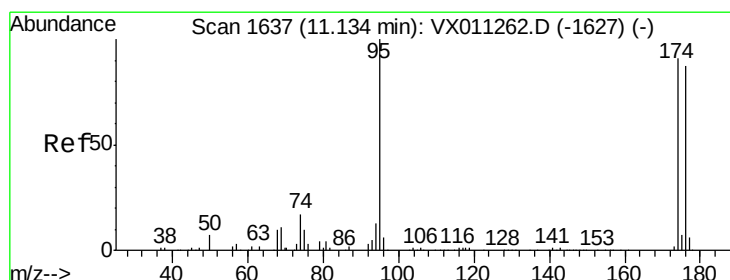
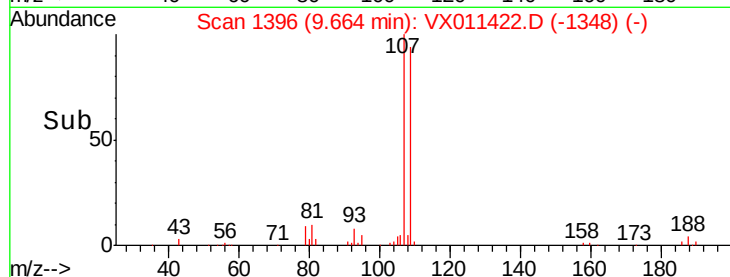
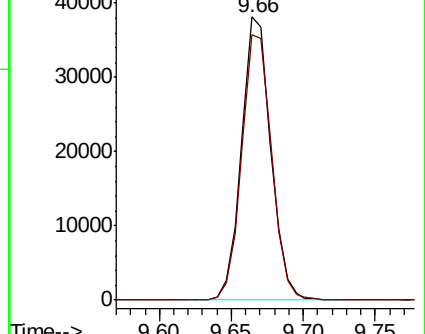
107 100

109 96.1 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.406 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

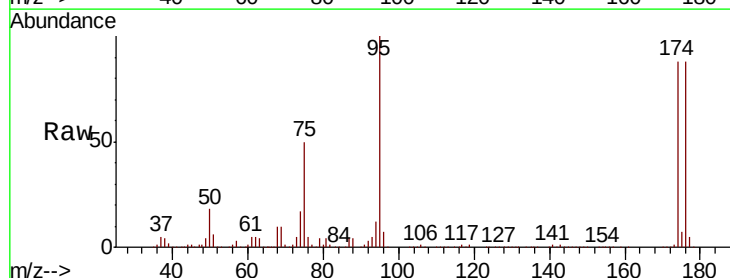
Tgt Ion: 95 Resp: 183470

Ion Ratio Lower Upper

95 100

174 88.8 0.0 191.2

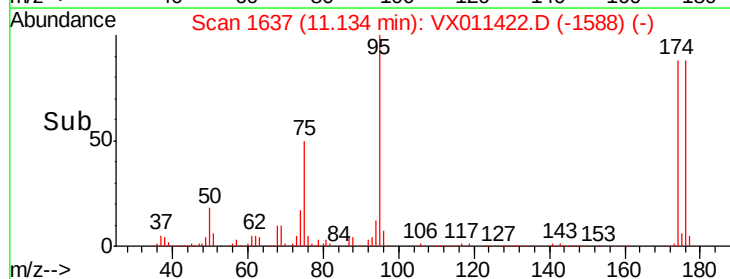
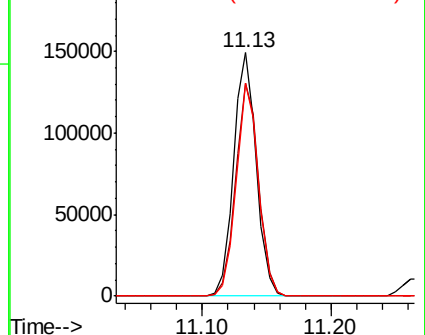
176 85.8 0.0 184.8

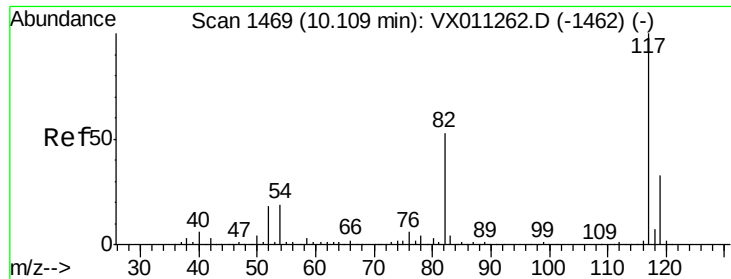


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

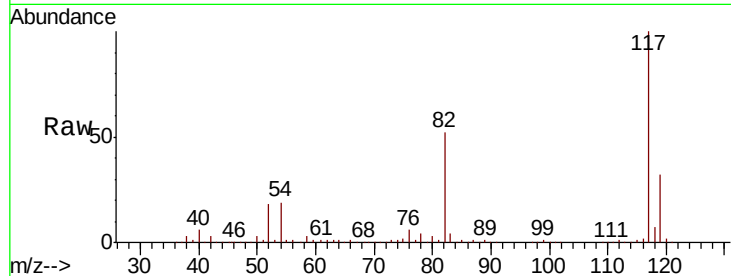




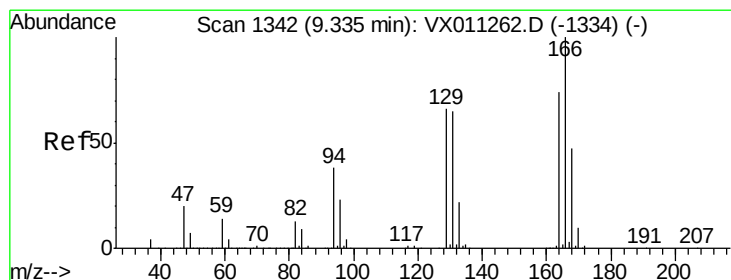
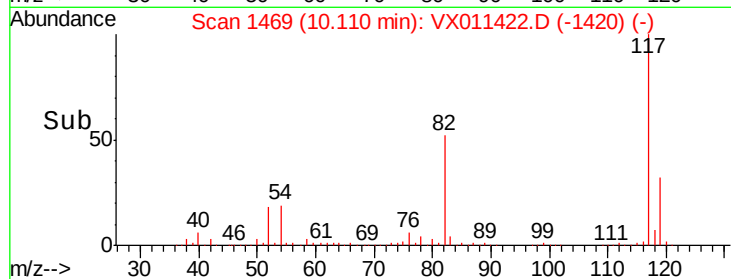
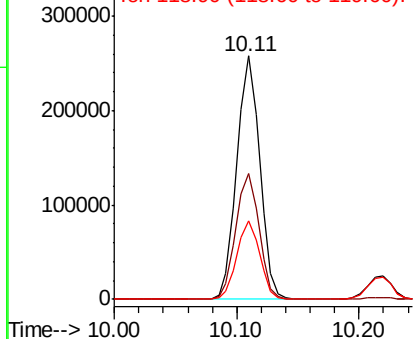
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion:117 Resp: 333625
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 32.1 26.6 39.8

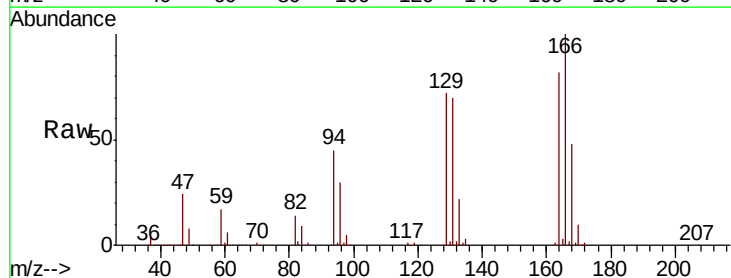


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

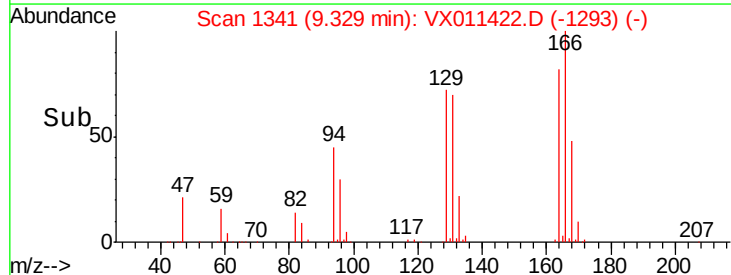
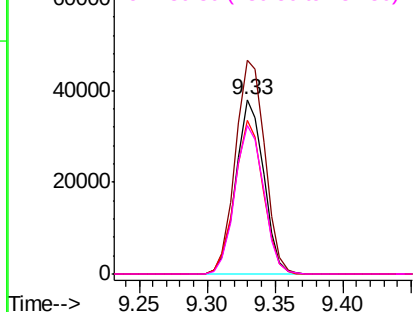


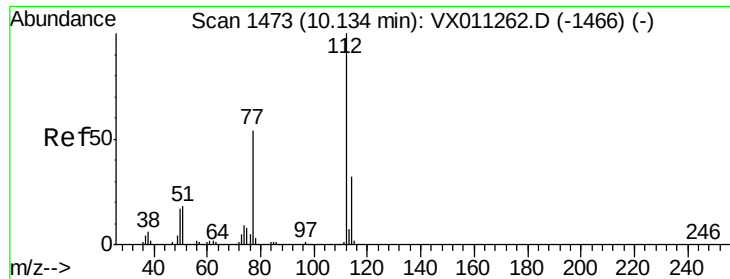
#64
Tetrachloroethene
Concen: 19.135 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion:164 Resp: 54216
Ion Ratio Lower Upper
164 100
166 122.6 107.5 161.3
129 88.1 71.0 106.4
131 85.4 69.8 104.6



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

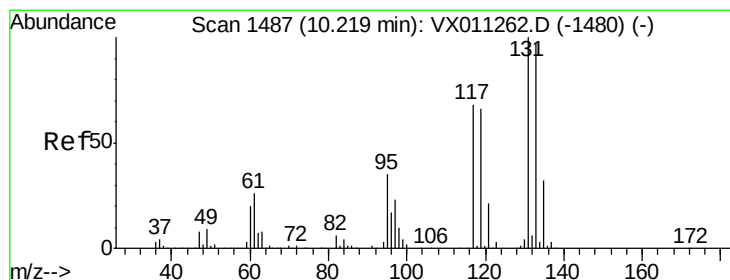
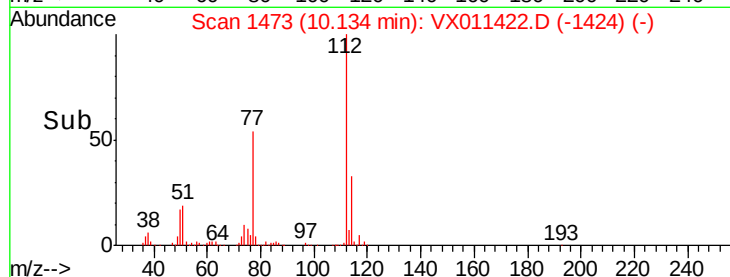
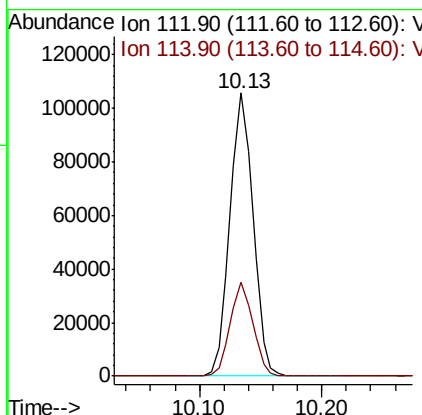
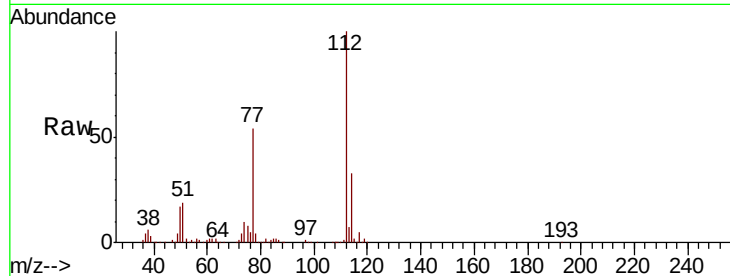




#65
Chlorobenzene
Concen: 19.437 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

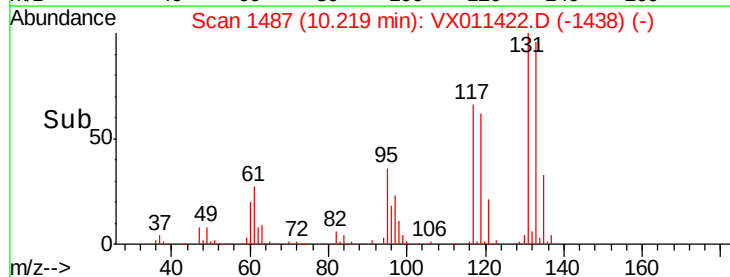
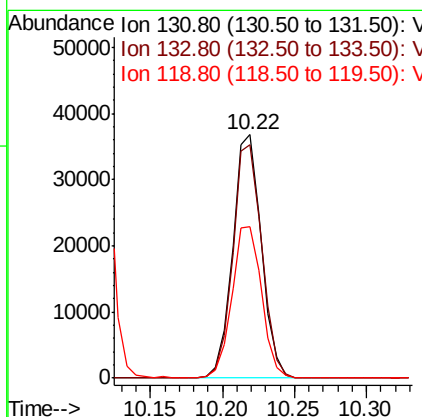
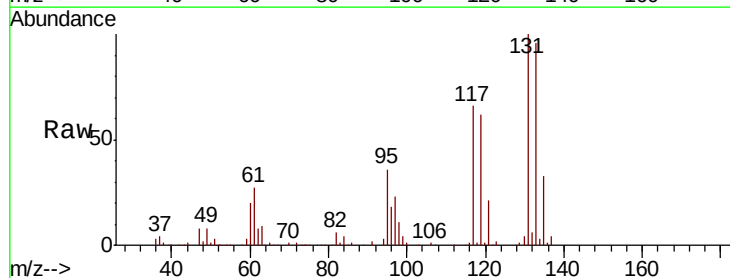
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

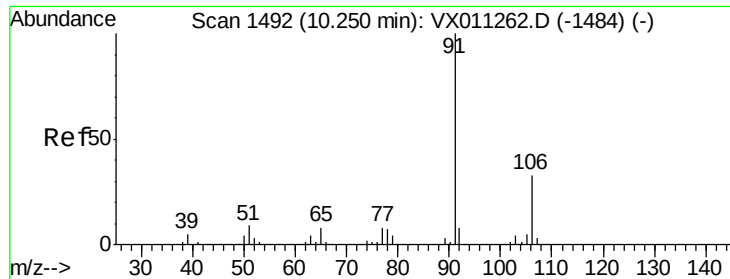
Tgt Ion:112 Resp: 139040
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.927 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion:131 Resp: 51249
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 64.5 32.8 98.3

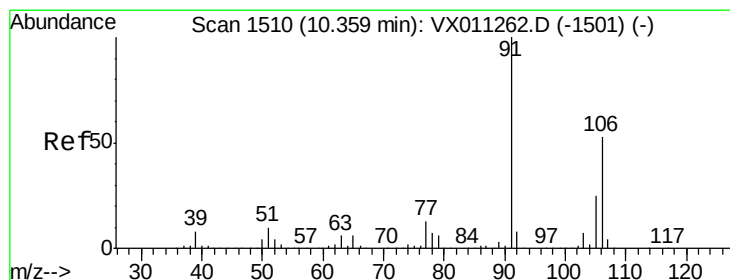
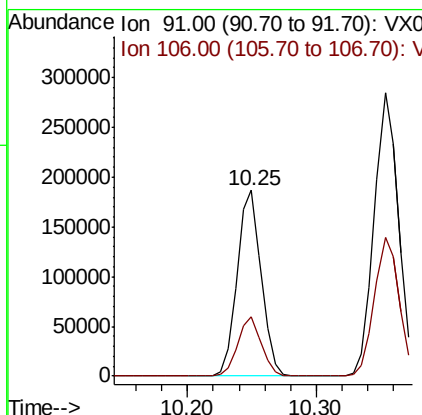
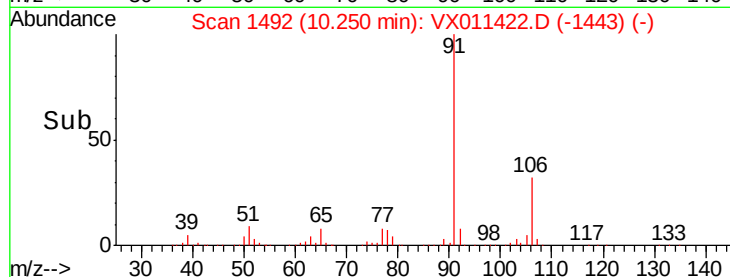
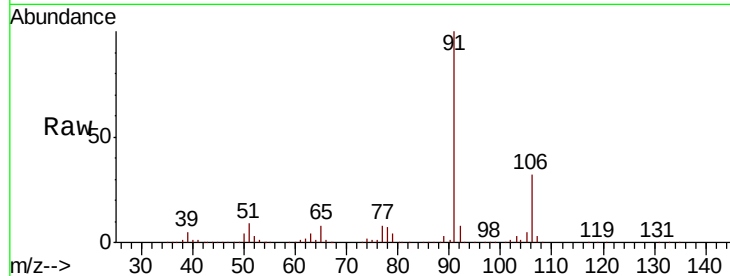




#67
Ethyl Benzene
Concen: 20.196 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

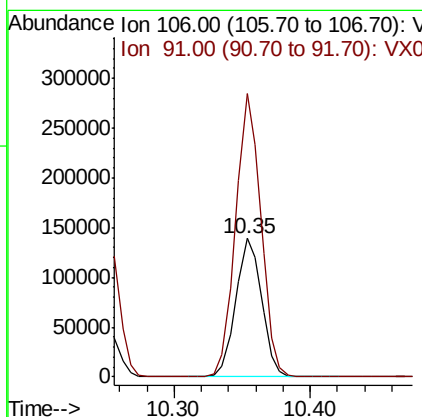
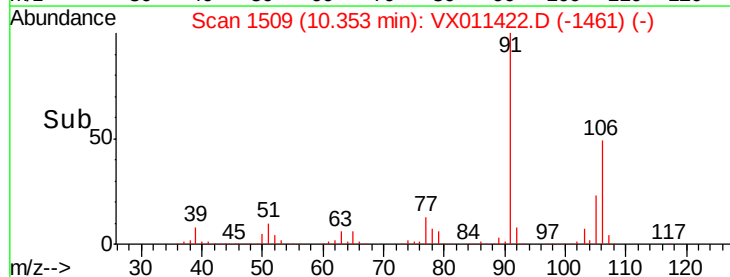
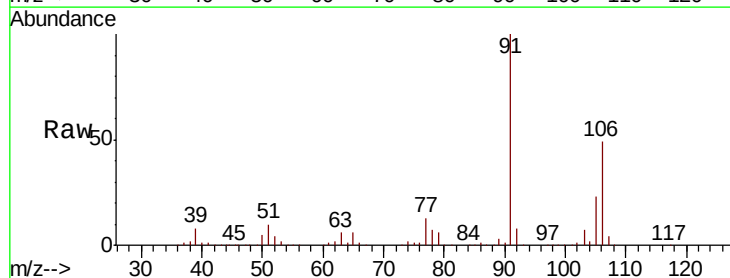
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

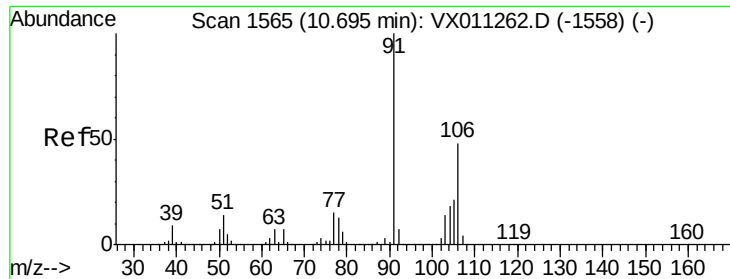
Tgt Ion: 91 Resp: 241953
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.4



#68
m/p-Xylenes
Concen: 39.776 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 106 Resp: 184316
Ion Ratio Lower Upper
106 100
91 200.0 155.9 233.9

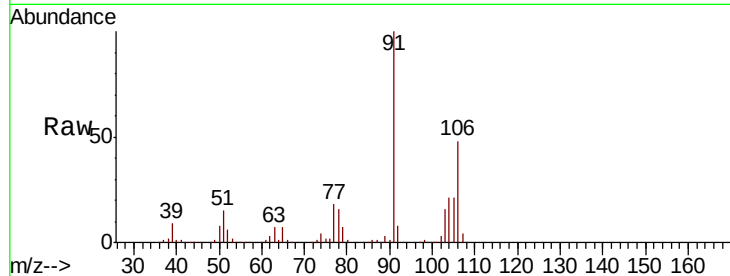




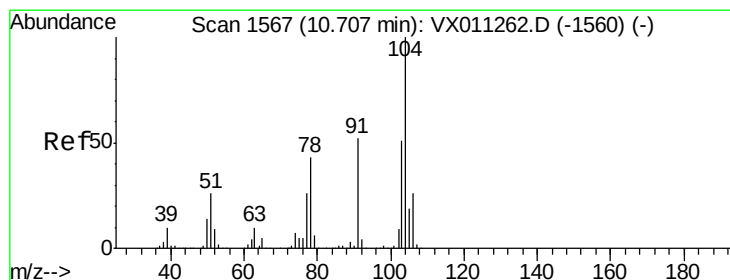
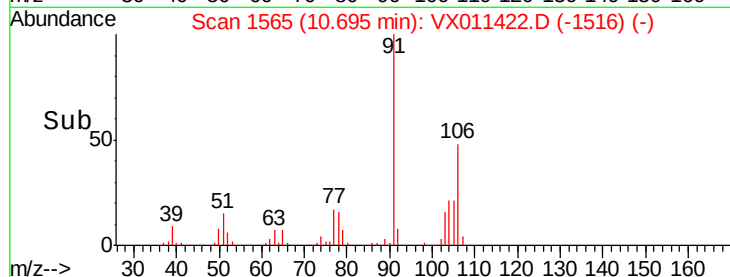
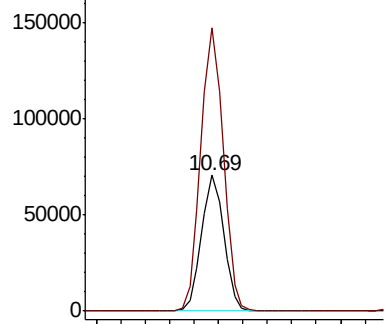
#69
o-Xylene
Concen: 19.658 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion:106 Resp: 89502
Ion Ratio Lower Upper
106 100
91 210.2 103.8 311.3

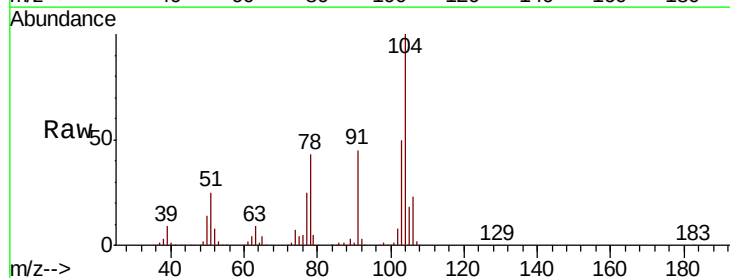


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

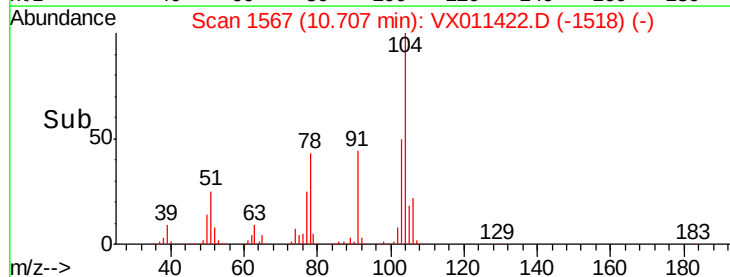
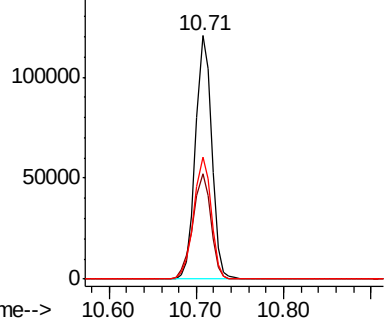


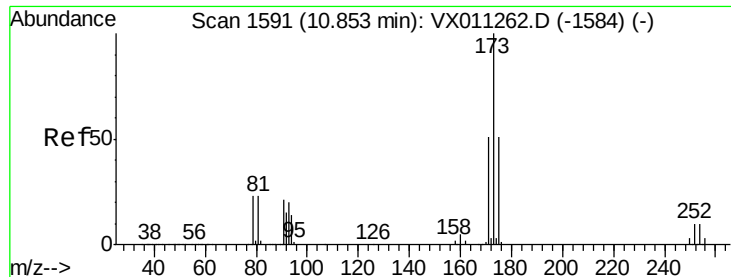
#70
Styrene
Concen: 20.530 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion:104 Resp: 154660
Ion Ratio Lower Upper
104 100
78 48.3 36.9 55.3
103 54.1 44.4 66.6



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: 20.409 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

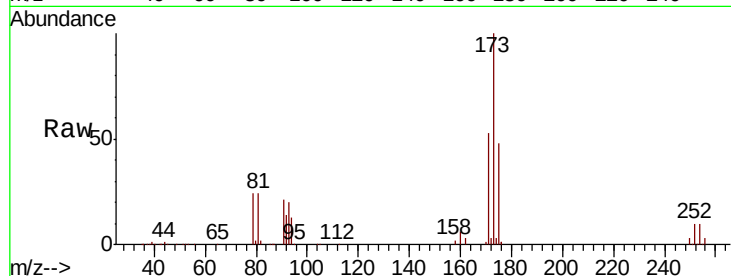
Tgt Ion:173 Resp: 40794

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.4

254 0.2 0.2 0.2

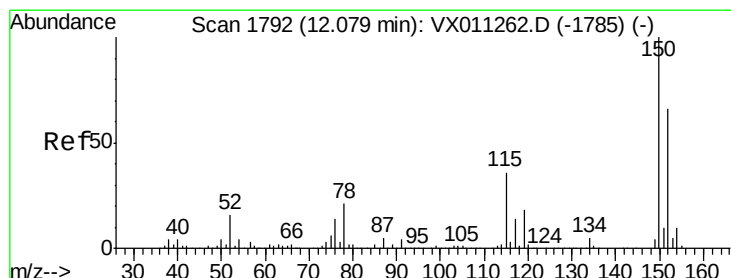
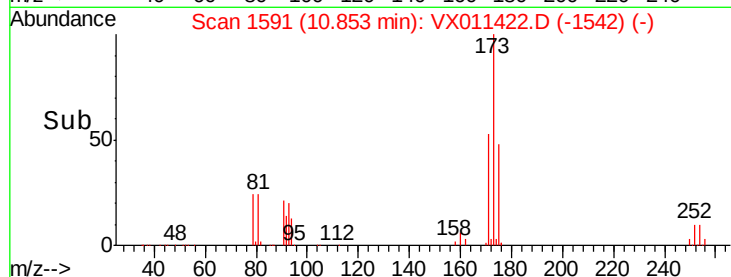
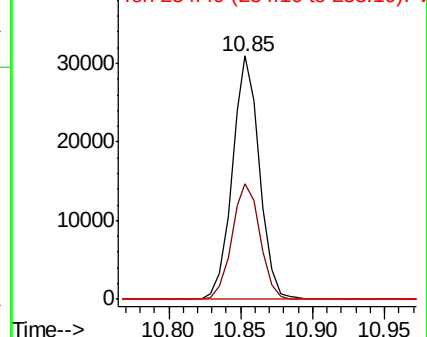


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

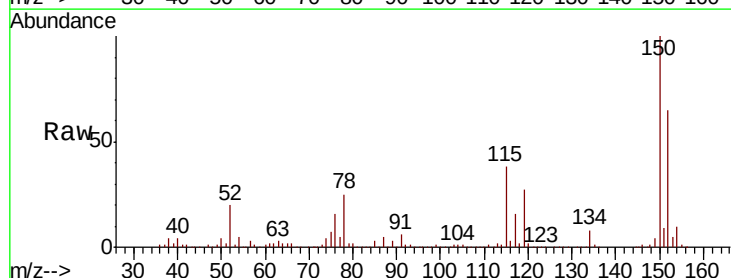
Tgt Ion:152 Resp: 177721

Ion Ratio Lower Upper

152 100

115 65.8 40.0 119.9

150 161.6 0.0 350.4

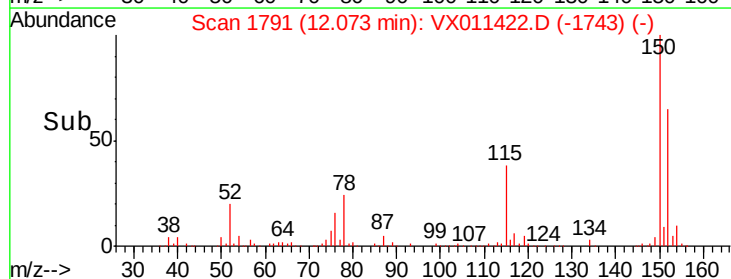
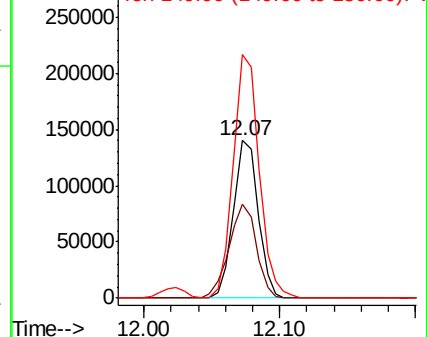


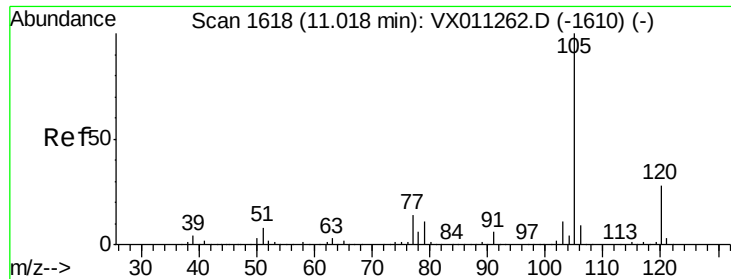
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.188 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

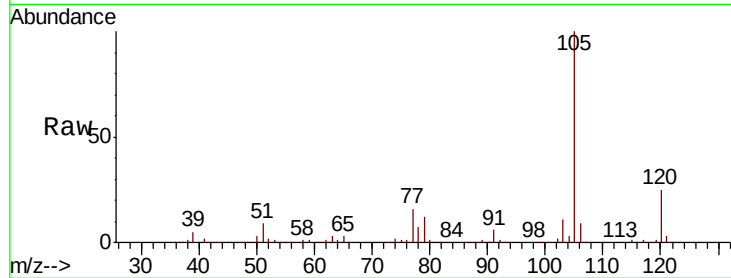
VX0811WBS01

Tgt Ion: 105 Resp: 245388

Ion Ratio Lower Upper

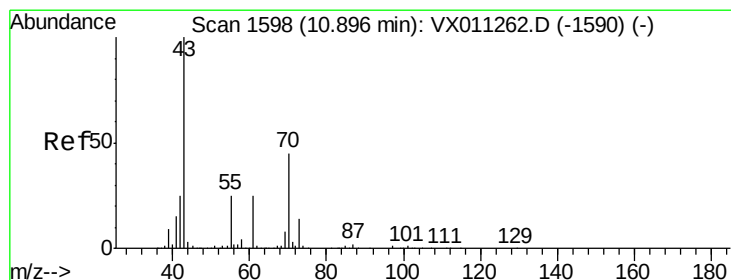
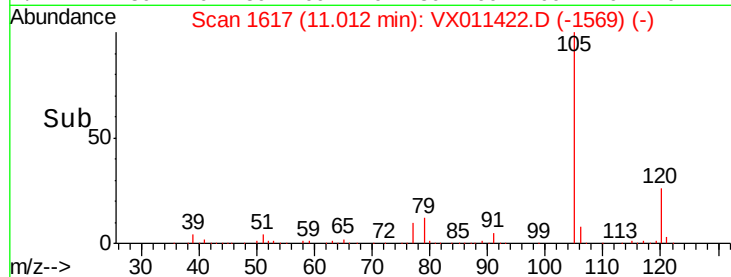
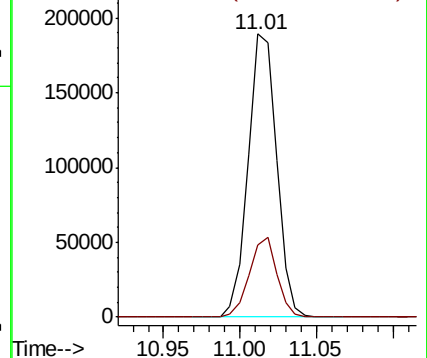
105 100

120 27.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.802 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Tgt Ion: 43 Resp: 91361

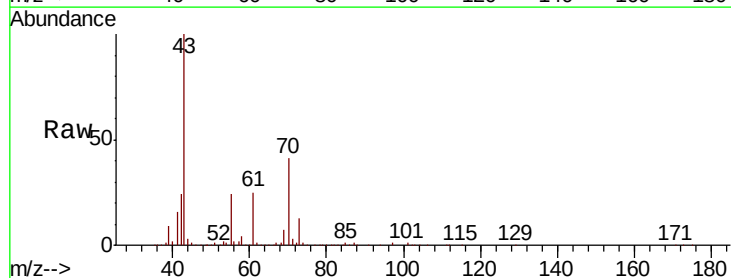
Ion Ratio Lower Upper

43 100

70 43.4 35.9 53.9

55 25.2 19.8 29.6

61 25.1 19.7 29.5

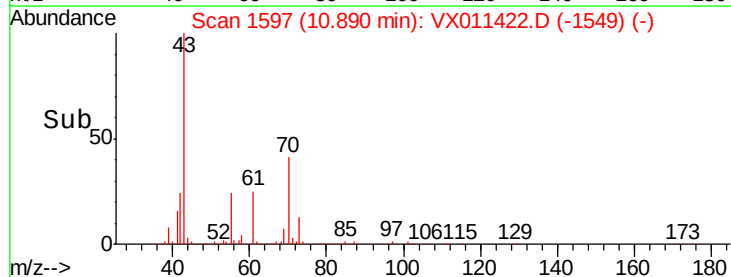
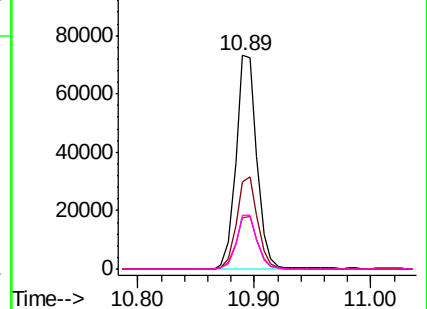


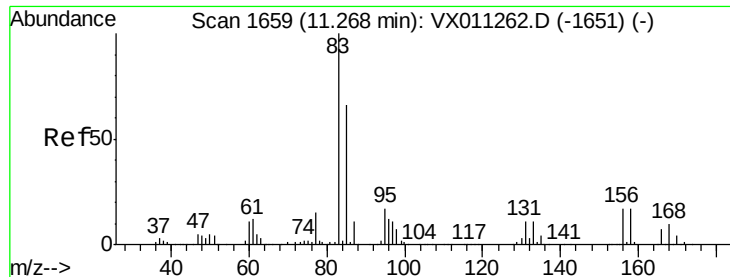
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.343 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

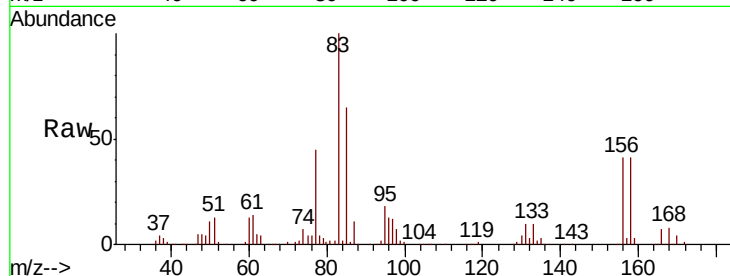
Tgt Ion: 83 Resp: 78352

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

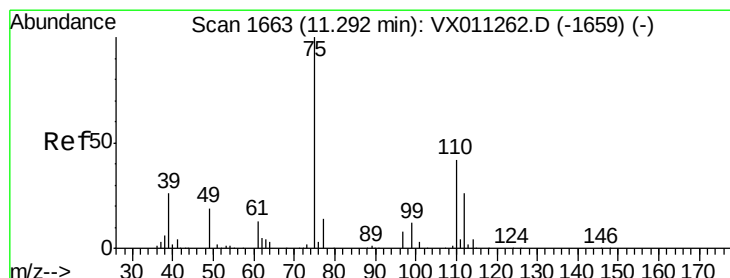
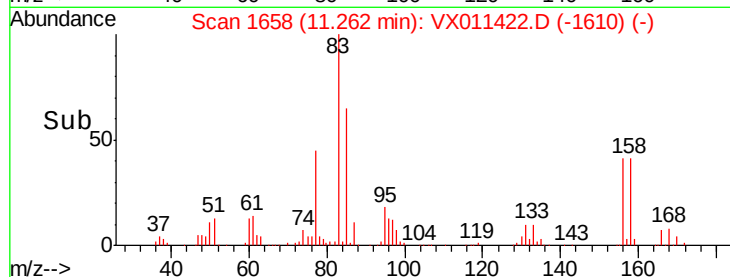
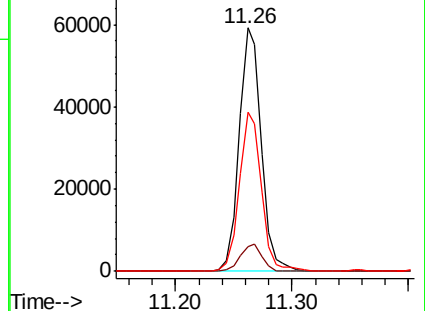
85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.885 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011422.D

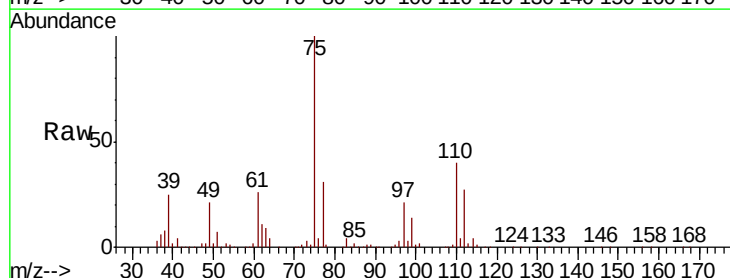
Acq: 11 Aug 2019 11:35

Tgt Ion: 75 Resp: 83777

Ion Ratio Lower Upper

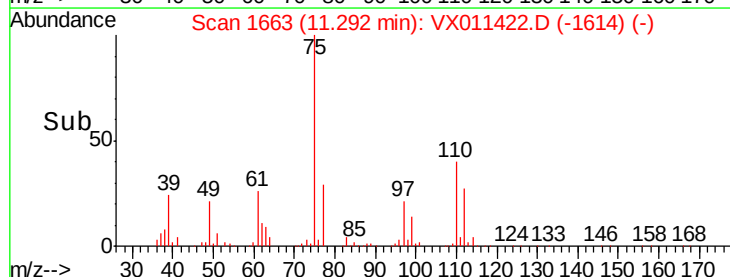
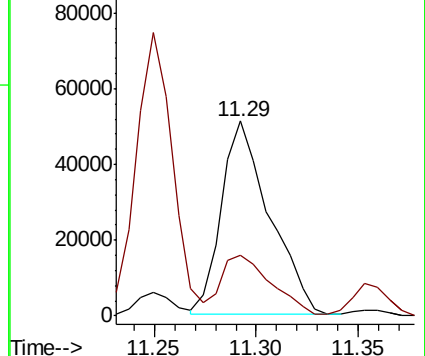
75 100

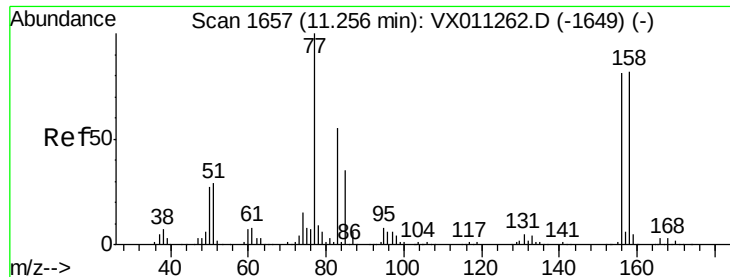
77 33.1 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.595 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0811WBS01

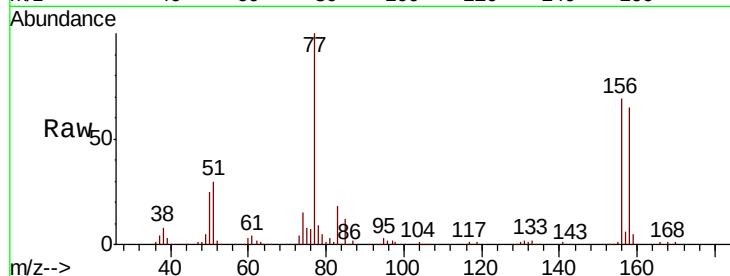
Tgt Ion:156 Resp: 66045

Ion Ratio Lower Upper

156 100

77 140.7 66.2 198.6

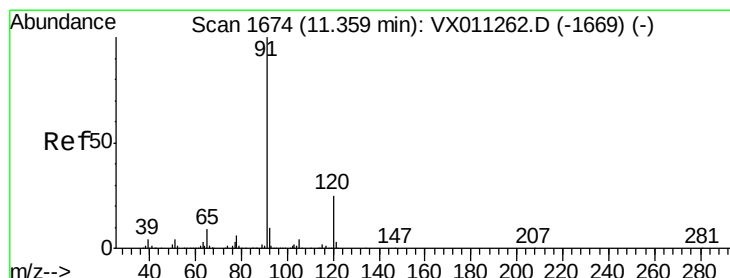
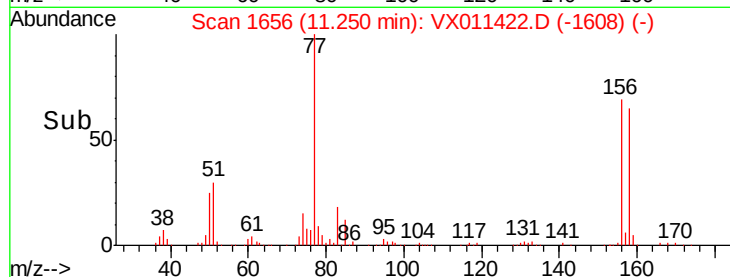
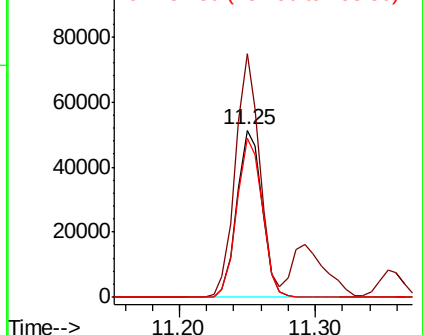
158 95.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.242 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011422.D

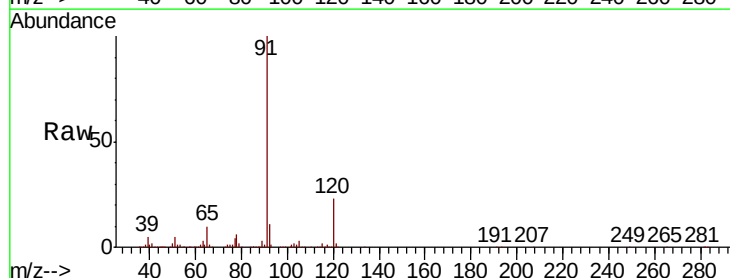
Acq: 11 Aug 2019 11:35

Tgt Ion: 91 Resp: 273608

Ion Ratio Lower Upper

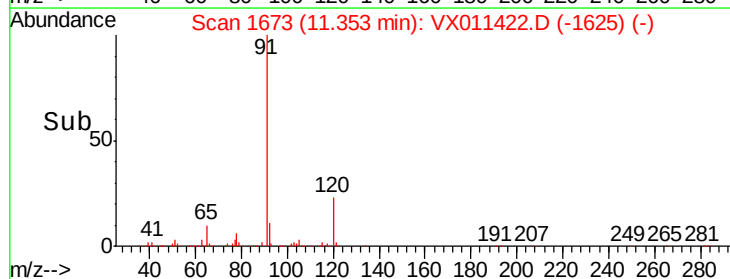
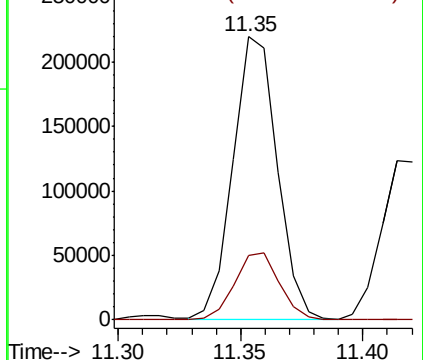
91 100

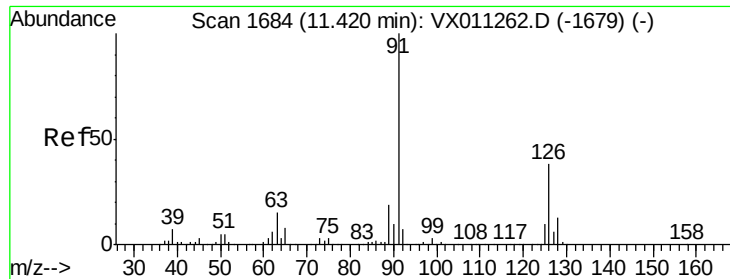
120 24.3 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

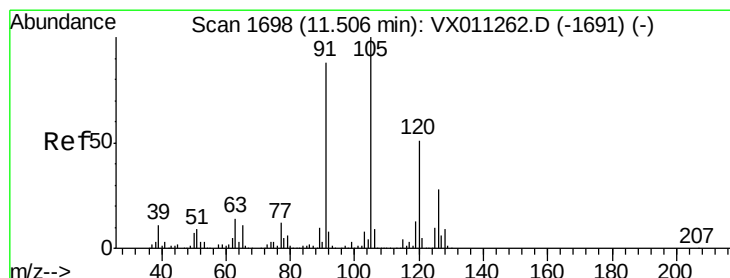
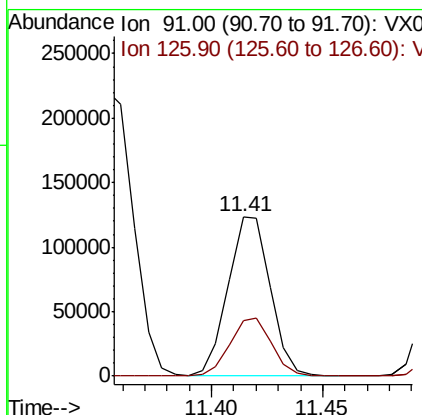
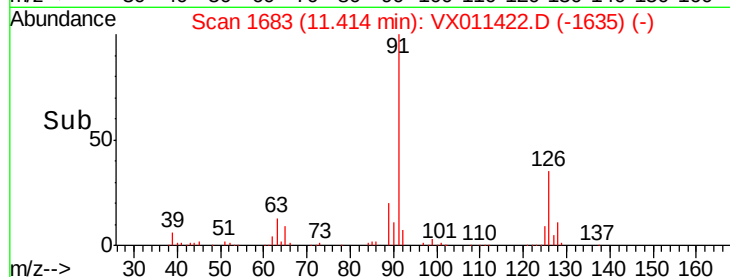
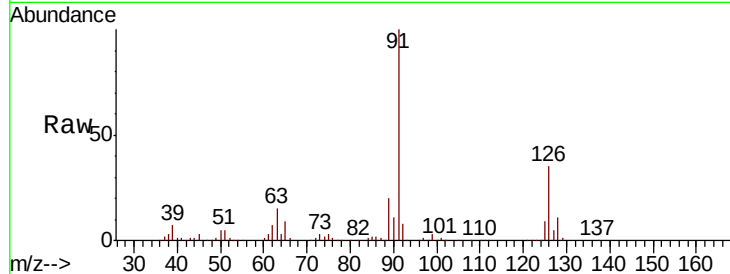




#79
 2-Chlorotoluene
 Concen: 20.252 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

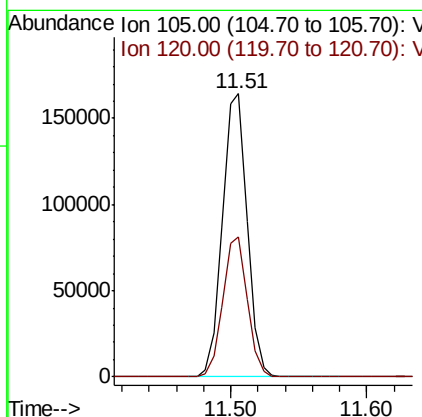
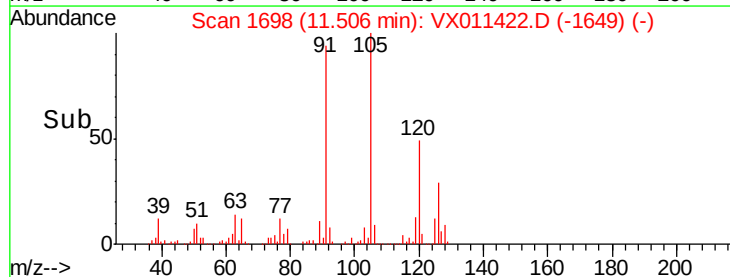
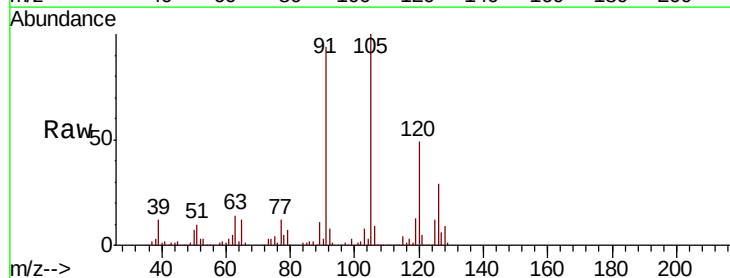
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

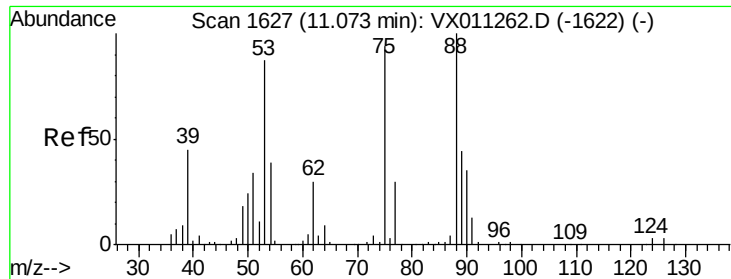
Tgt Ion: 91 Resp: 163159
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.316 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 105 Resp: 206716
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.1 75.2

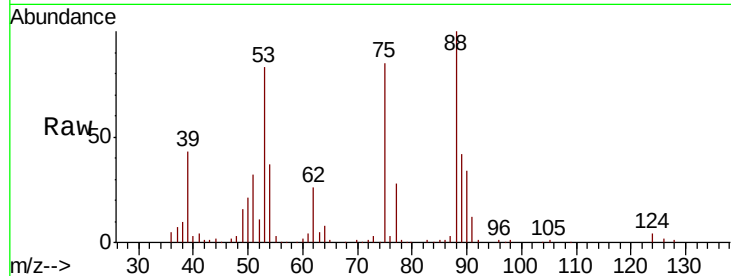




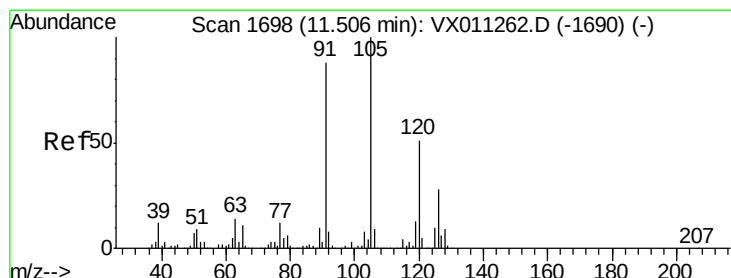
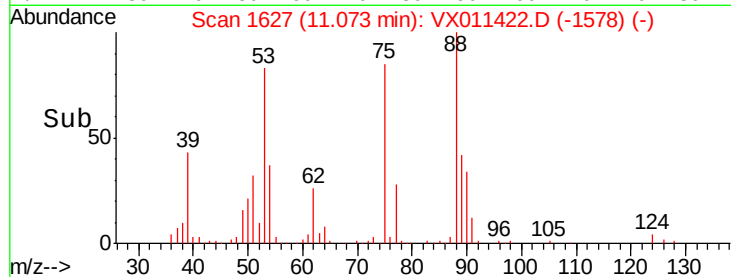
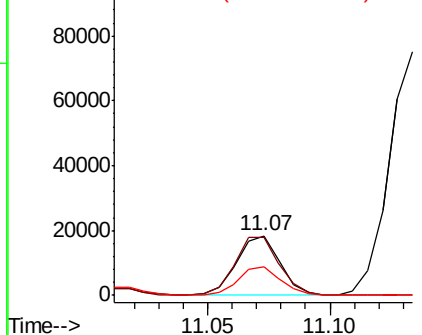
#81
trans-1,4-Dichloro-2-butene
Concen: 21.282 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion: 75 Resp: 22329
Ion Ratio Lower Upper
75 100
53 103.5 78.2 117.4
89 48.7 37.9 56.9

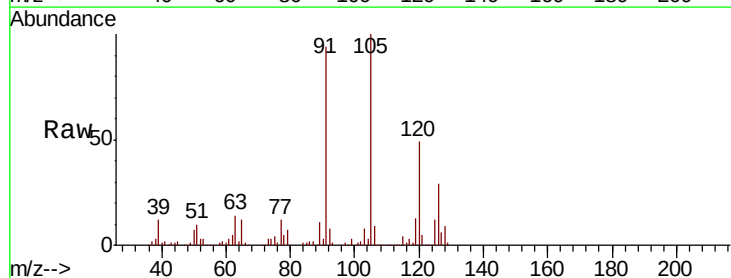


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

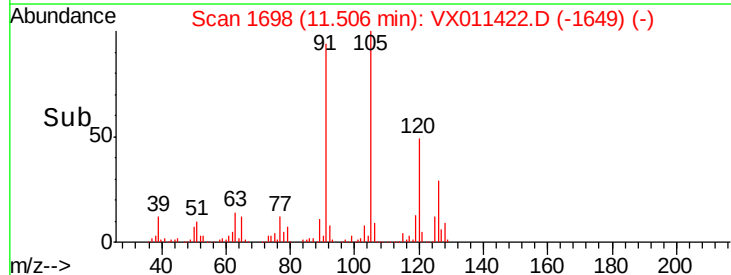
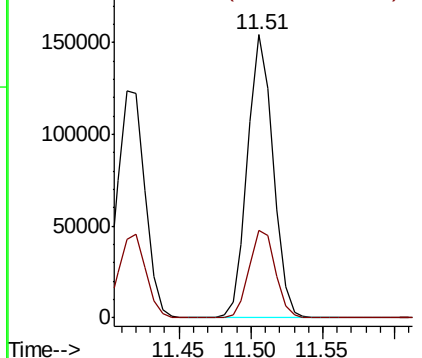


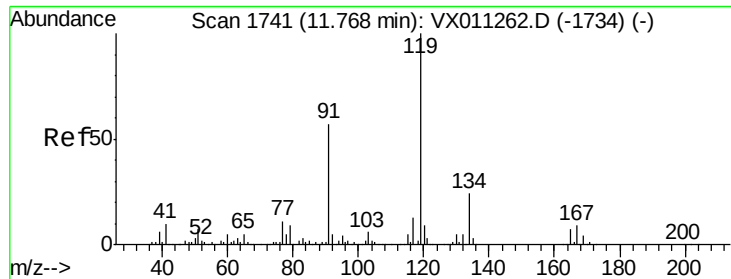
#82
4-Chlorotoluene
Concen: 20.088 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 91 Resp: 188607
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.2



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

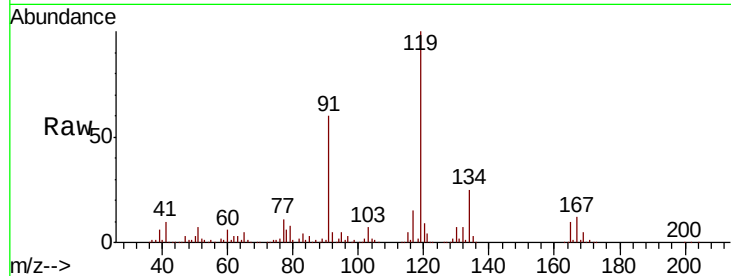




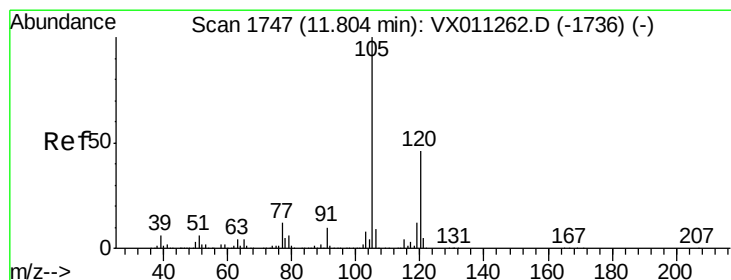
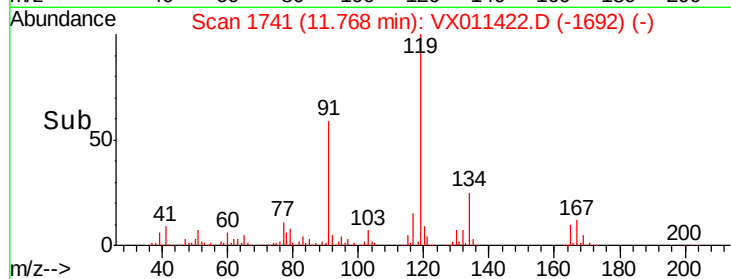
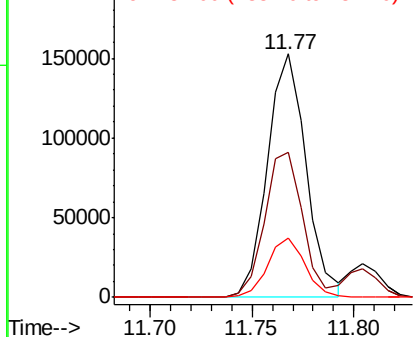
#83
 tert-Butylbenzene
 Concen: 20.235 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.2	28.0	84.0
134	23.6	11.9	35.5

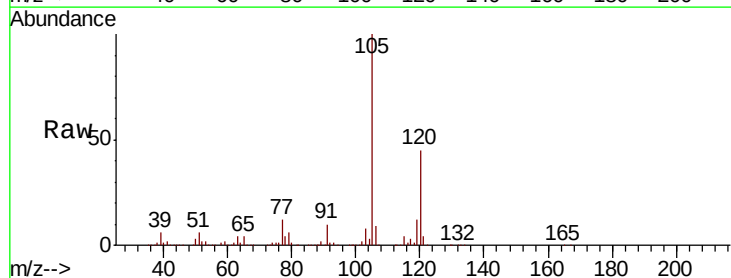


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

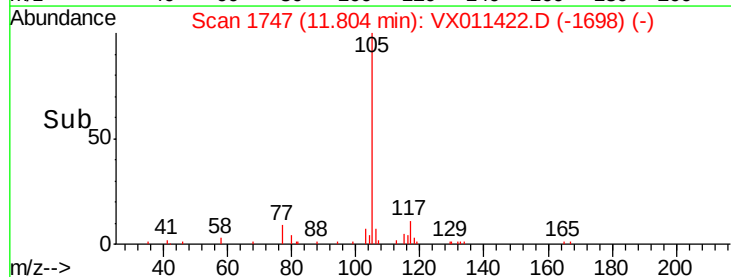
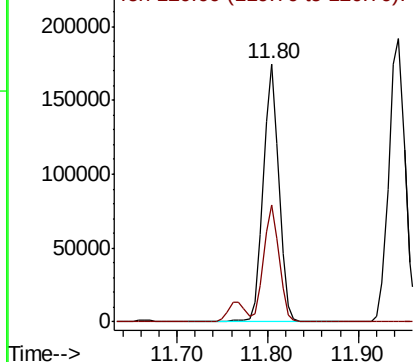


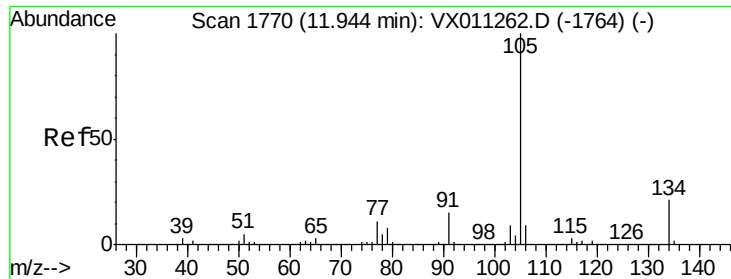
#84
 1,2,4-Trimethylbenzene
 Concen: 20.658 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.0	69.0



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

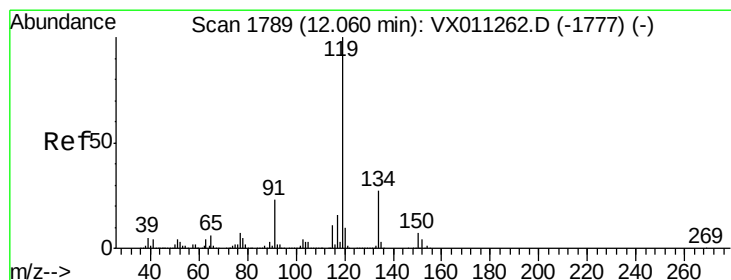
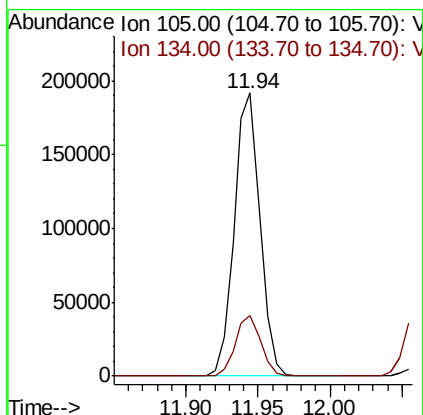
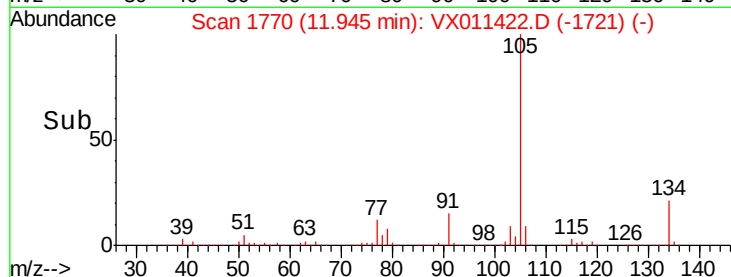
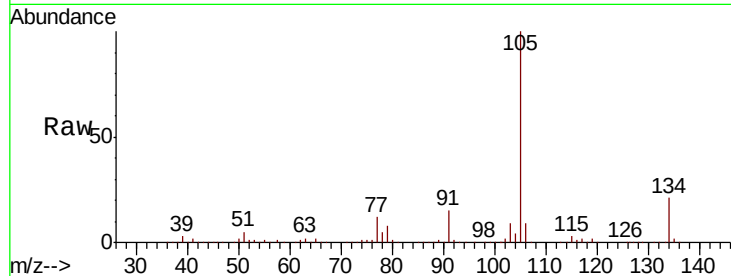




#85
 sec-Butylbenzene
 Concen: 19.931 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

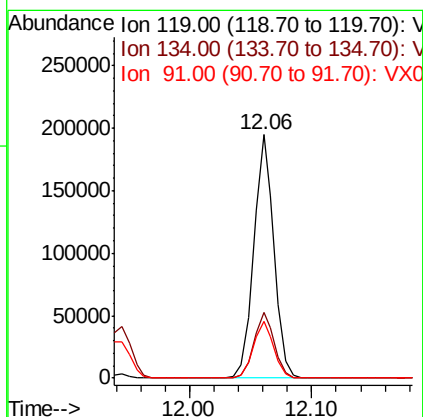
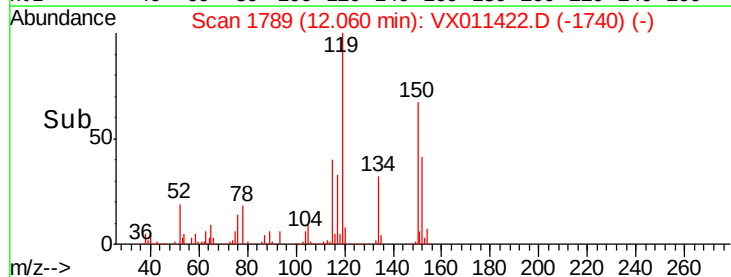
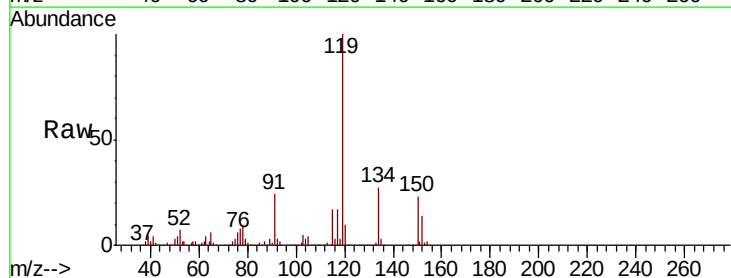
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

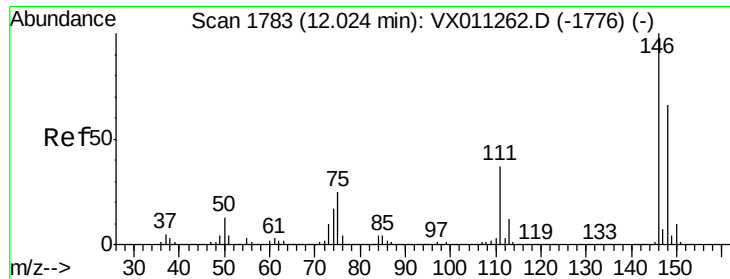
Tgt Ion:105 Resp: 238965
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.283 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion:119 Resp: 223729
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.7 41.0
 91 23.9 11.4 34.2

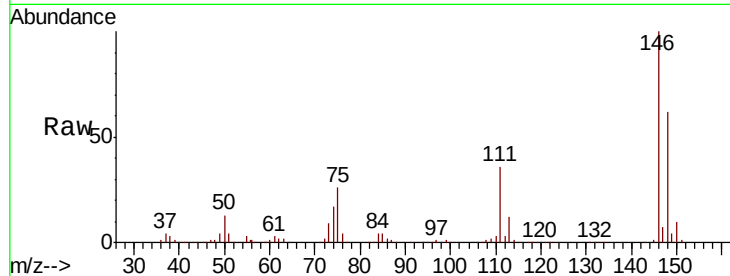




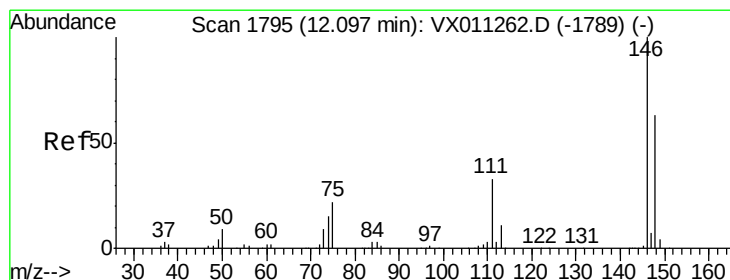
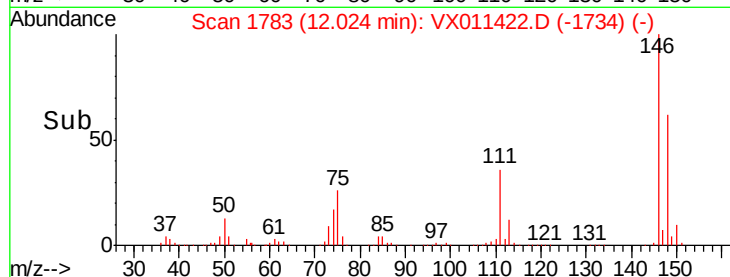
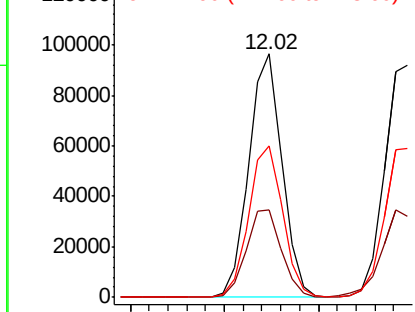
#87
 1,3-Dichlorobenzene
 Concen: 19.813 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Tgt Ion:146 Resp: 117992
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 63.3 32.5 97.5

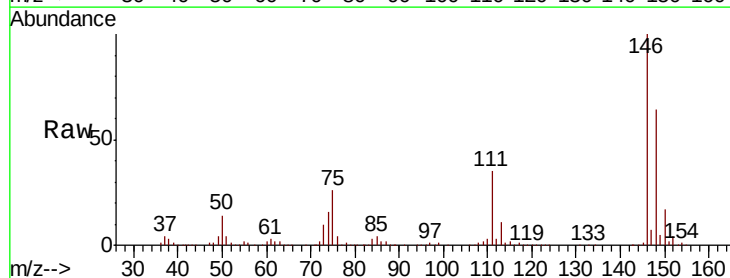


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

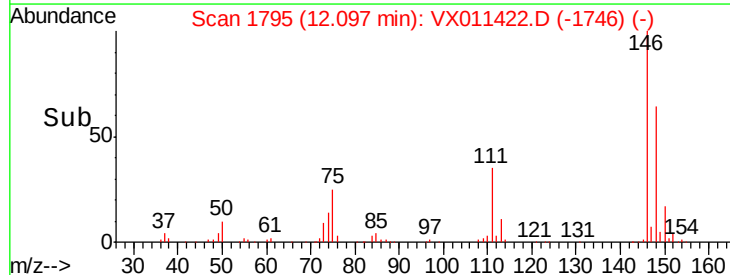
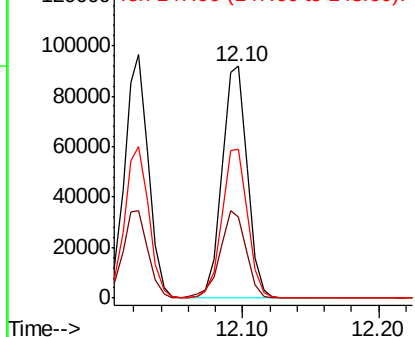


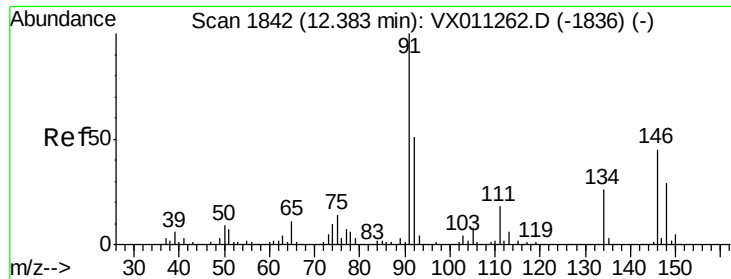
#88
 1,4-Dichlorobenzene
 Concen: 19.165 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion:146 Resp: 117689
 Ion Ratio Lower Upper
 146 100
 111 38.9 17.8 53.4
 148 65.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

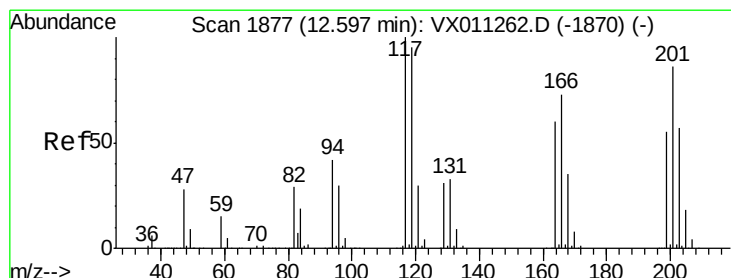
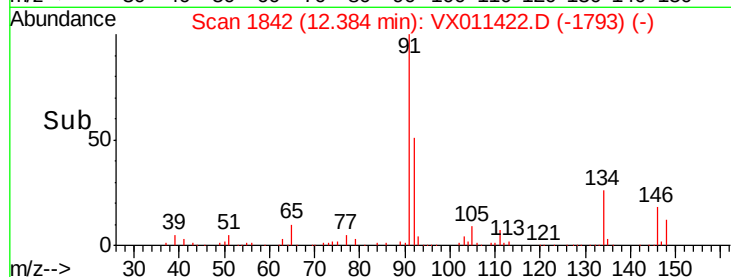
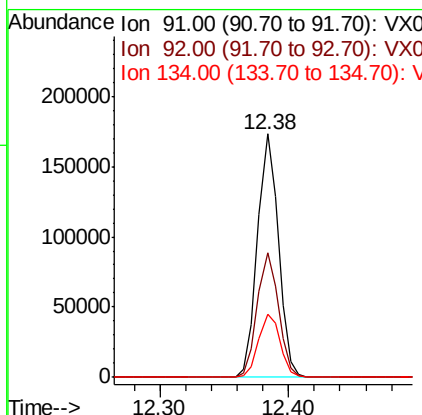
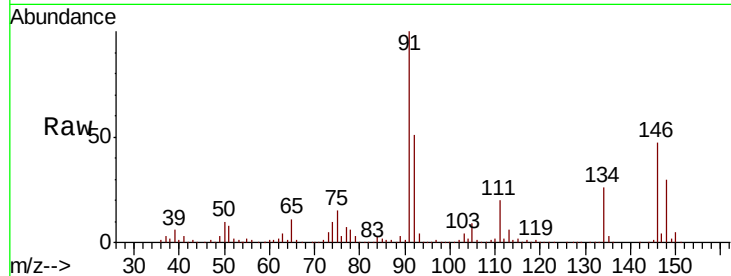




#89
n-Butylbenzene
Concen: 20.364 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

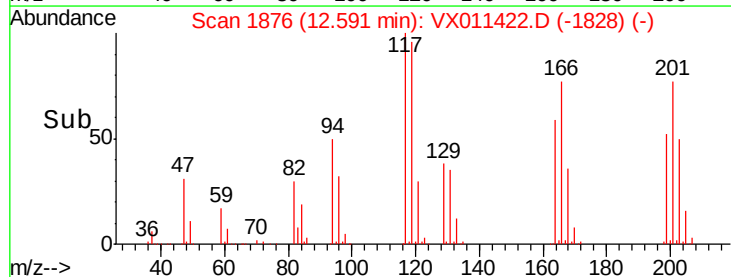
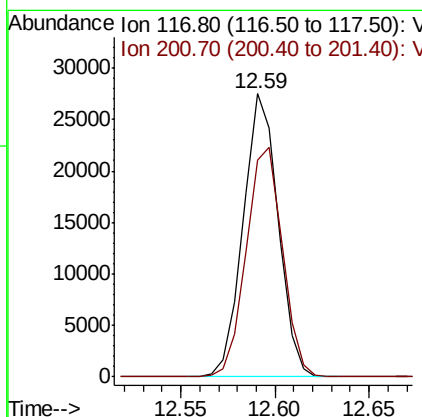
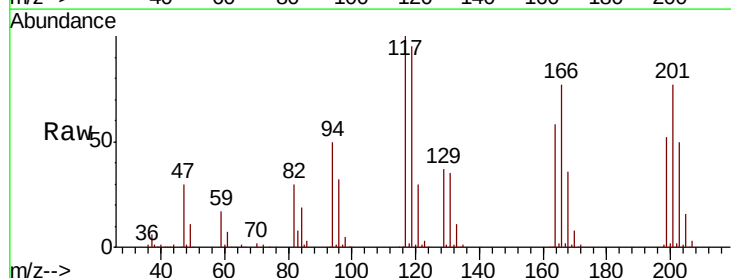
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

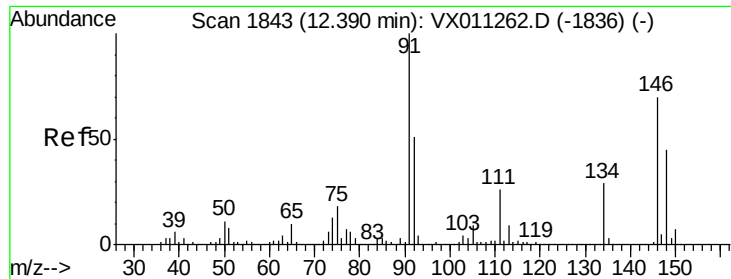
Tgt Ion: 91 Resp: 193517
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.3
134 26.7 13.7 41.0



#90
Hexachloroethane
Concen: 21.696 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011422.D
Acq: 11 Aug 2019 11:35

Tgt Ion: 117 Resp: 35380
Ion Ratio Lower Upper
117 100
201 83.9 41.8 125.4

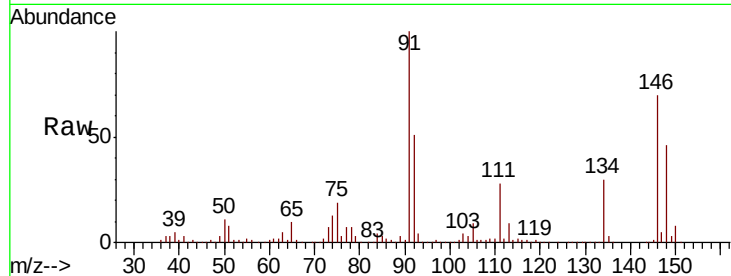




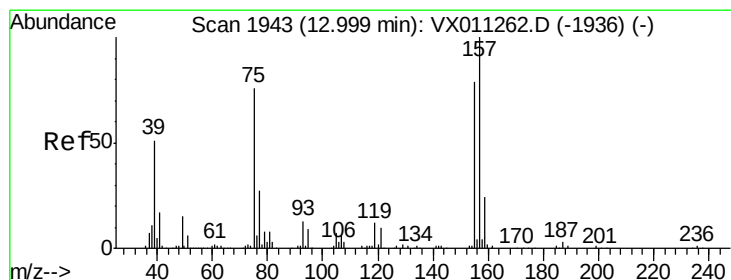
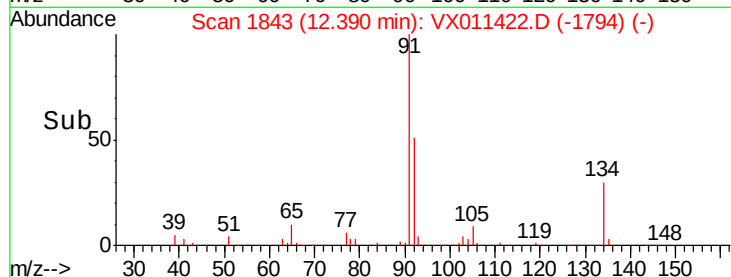
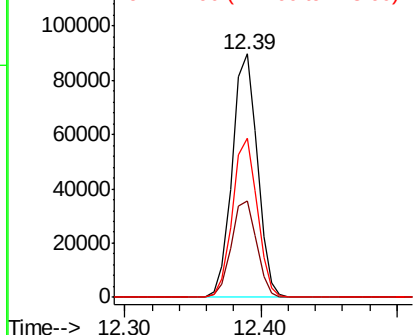
#91
 1,2-Dichlorobenzene
 Concen: 19.292 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Tgt Ion: 146 Resp: 115440
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.1 57.1
 148 64.4 32.3 96.8

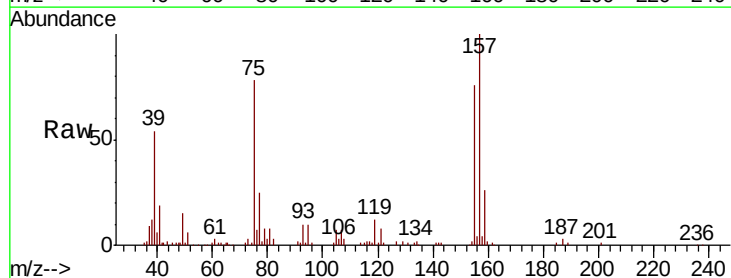


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

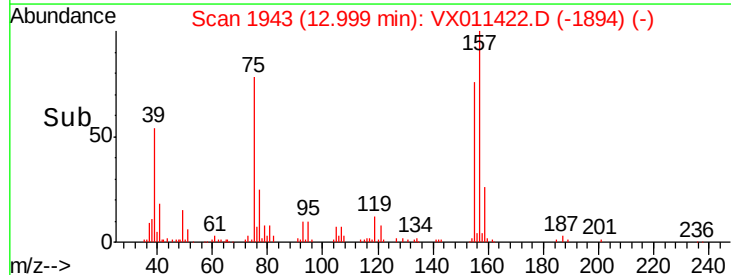
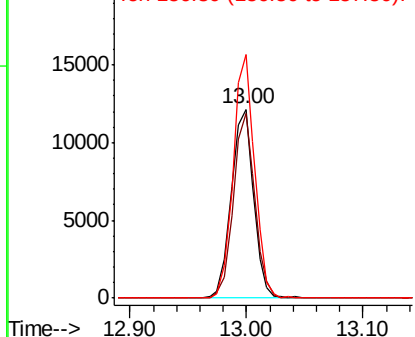


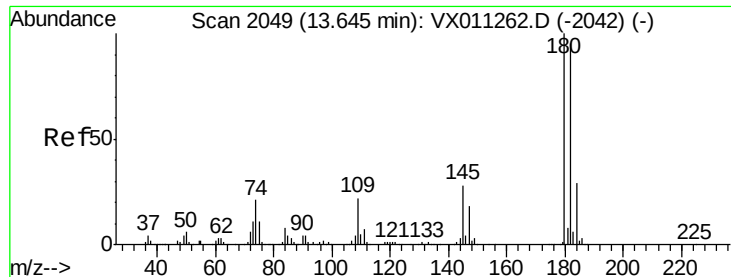
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.726 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion: 75 Resp: 16265
 Ion Ratio Lower Upper
 75 100
 155 93.2 51.9 155.8
 157 122.6 64.3 192.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

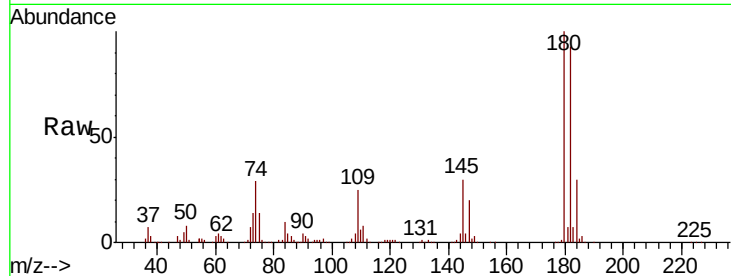




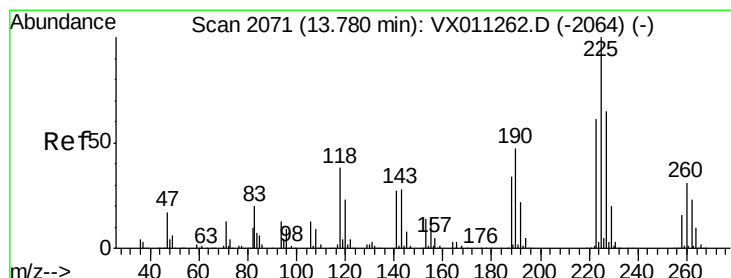
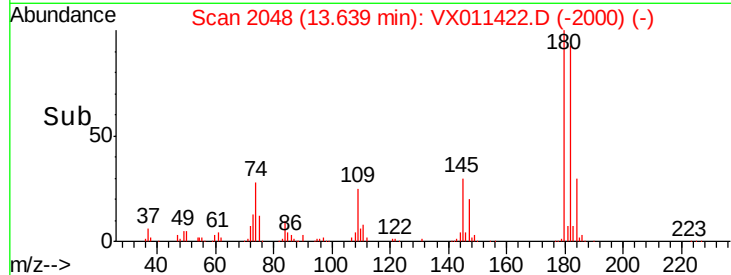
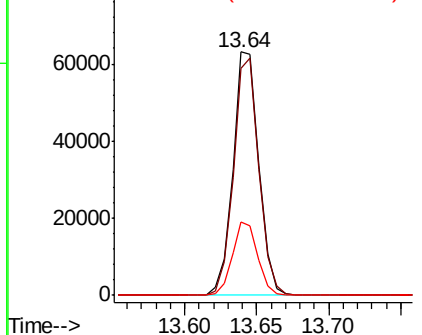
#93
 1,2,4-Trichlorobenzene
 Concen: 20.043 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Tgt Ion:180 Resp: 79537
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 29.6 14.8 44.3

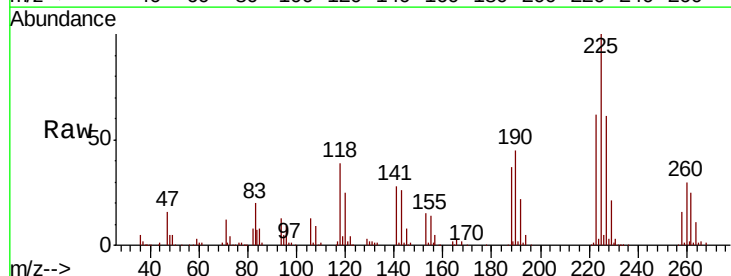


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

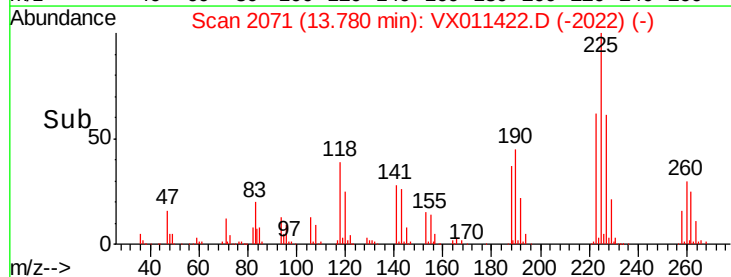
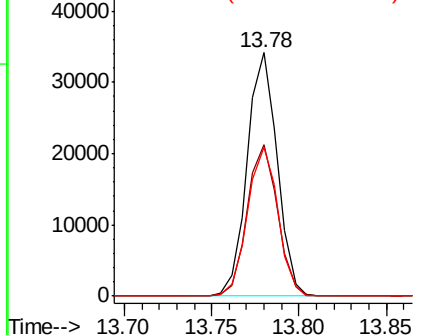


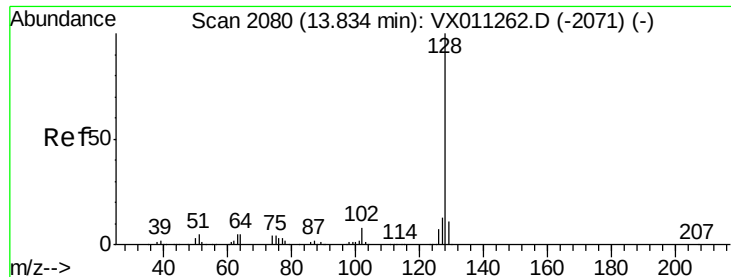
#94
 Hexachlorobutadiene
 Concen: 20.185 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011422.D
 Acq: 11 Aug 2019 11:35

Tgt Ion:225 Resp: 40639
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.0 93.0
 227 62.1 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.137 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

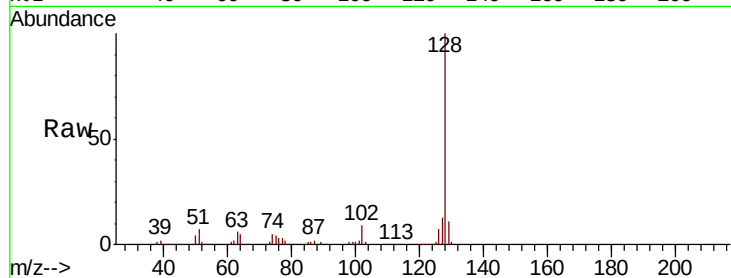
Tgt Ion:128 Resp: 233691

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

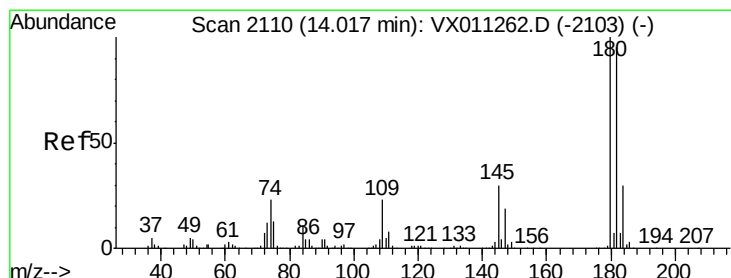
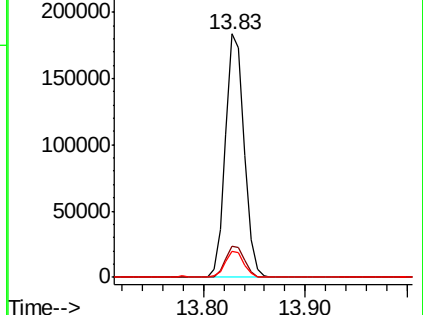
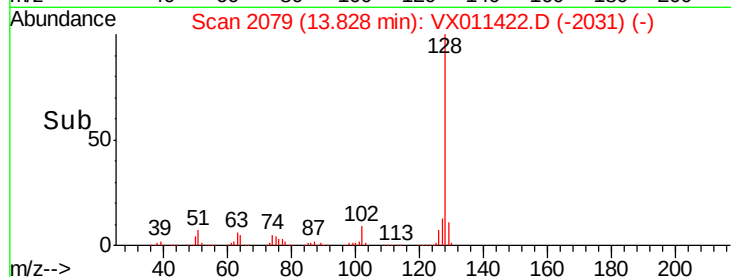
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.466 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011422.D

Acq: 11 Aug 2019 11:35

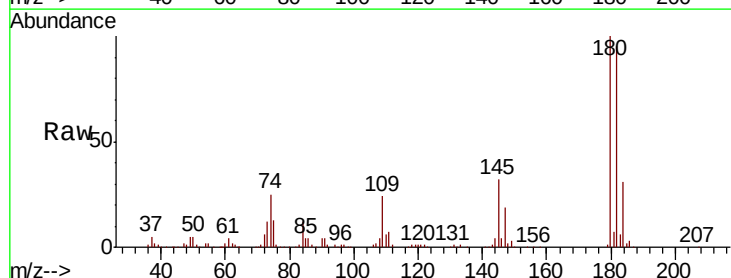
Tgt Ion:180 Resp: 78533

Ion Ratio Lower Upper

180 100

182 96.9 47.4 142.3

145 32.0 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

