

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081519\
 Data File : VX011568.D
 Acq On : 15 Aug 2019 19:37
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 16 03:55:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 03:49:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	393725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	541592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	498565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	502713	123.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	247.86%	
35) Dibromofluoromethane	5.49	113	487876	142.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.92%	
50) Toluene-d8	8.71	98	1558850	125.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	251.30%	
62) 4-Bromofluorobenzene	11.13	95	680605	146.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	637072	172.525	ug/l	100
3) Chloromethane	1.32	50	567378	155.159	ug/l	99
4) Vinyl Chloride	1.40	62	556886	151.932	ug/l	98
5) Bromomethane	1.63	94	236725	117.793	ug/l	98
6) Chloroethane	1.70	64	206754	92.606	ug/l	96
7) Trichlorofluoromethane	1.91	101	743997	123.146	ug/l	99
8) Diethyl Ether	2.18	74	252068	120.457	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	502641	141.389	ug/l	99
10) Methyl Iodide	2.50	142	803462	170.221	ug/l	99
11) Tert butyl alcohol	3.06	59	729281	748.474	ug/l	98
12) 1,1-Dichloroethene	2.35	96	500061	144.337	ug/l	98
13) Acrolein	2.29	56	221697	438.465	ug/l	98
14) Allyl chloride	2.71	41	848197	163.365	ug/l	100
15) Acrylonitrile	3.14	53	1556838	777.936	ug/l	100
16) Acetone	2.45	43	1331517	706.659	ug/l	99
17) Carbon Disulfide	2.56	76	1240621	141.135	ug/l	100
18) Methyl Acetate	2.77	43	875752	189.191	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1671498	147.568	ug/l	99
20) Methylene Chloride	2.84	84	551792	138.513	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	527264	142.555	ug/l	98
22) Diisopropyl ether	3.85	45	1668295	153.040	ug/l	99
23) Vinyl Acetate	3.81	43	6851274	754.327	ug/l	100
24) 1,1-Dichloroethane	3.68	63	931039	148.344	ug/l	99
25) 2-Butanone	4.67	43	2192941	796.127	ug/l	97
26) 2,2-Dichloropropane	4.57	77	722158	142.337	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	617867	143.527	ug/l	100
28) Bromochloromethane	5.01	49	384573	130.969	ug/l	99
29) Tetrahydrofuran	5.12	42	1433098	813.188	ug/l	99
30) Chloroform	5.21	83	967252	142.955	ug/l	100
31) Cyclohexane	5.57	56	828065	145.603	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	885503	151.515	ug/l	100
36) 1,1-Dichloropropene	5.79	75	714422	158.789	ug/l	99
37) Ethyl Acetate	4.83	43	822035	175.371	ug/l	100
38) Carbon Tetrachloride	5.77	117	803790	170.034	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	888409	153.544	ug/l	100
40) Benzene	6.13	78	2132841	154.667	ug/l	99
41) Methacrylonitrile	5.04	41	467551	173.652	ug/l	98
42) 1,2-Dichloroethane	6.18	62	745246	154.199	ug/l	100
43) Isopropyl Acetate	6.44	43	1310967	171.113	ug/l	100
44) Trichloroethene	7.21	130	651792	159.475	ug/l	100
45) 1,2-Dichloropropane	7.51	63	550752	156.360	ug/l	97
46) Dibromomethane	7.66	93	389962	156.354	ug/l	98
47) Bromodichloromethane	7.90	83	761202	169.590	ug/l	99
48) Methyl methacrylate	7.77	41	662919	175.777	ug/l	100
49) 1,4-Dioxane	7.74	88	348836	3359.901	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	4242667	850.778	ug/l	99
52) Toluene	8.78	92	1378034	152.751	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	853369	177.401	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	910924	170.671	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	578362	155.086	ug/l	100
56) Ethyl methacrylate	9.18	69	949181	173.679	ug/l	99
57) 1,3-Dichloropropane	9.37	76	923651	155.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2206740	840.054	ug/l	99
59) 2-Hexanone	9.49	43	3377625	876.054	ug/l	99
60) Dibromochloromethane	9.58	129	697796	182.916	ug/l	98
61) 1,2-Dibromoethane	9.67	107	637952	161.013	ug/l	99
64) Tetrachloroethene	9.34	164	607254	152.711	ug/l	98
65) Chlorobenzene	10.13	112	1578500	151.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	636832	173.464	ug/l	99
67) Ethyl Benzene	10.25	91	2692501	153.463	ug/l	99
68) m/p-Xylenes	10.36	106	2087193	309.027	ug/l	100
69) o-Xylene	10.69	106	1028054	156.486	ug/l	98
70) Styrene	10.71	104	1800245	163.951	ug/l	100
71) Bromoform	10.85	173	622254	210.077	ug/l #	99
73) Isopropylbenzene	11.02	105	2748213	139.617	ug/l	100
74) N-amyl acetate	10.90	43	1245396	164.136	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	961905	148.816	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	1122166	210.904	ug/l	84
77) Bromobenzene	11.26	156	817951	148.856	ug/l	99
78) n-propylbenzene	11.36	91	3063255	141.421	ug/l	100
79) 2-Chlorotoluene	11.42	91	1835313	140.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2376445	144.615	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	330580	172.886	ug/l	94
82) 4-Chlorotoluene	11.51	91	2163944	142.519	ug/l	100
83) tert-Butylbenzene	11.77	119	2415834	148.674	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	2438419	146.984	ug/l	99
85) sec-Butylbenzene	11.94	105	2753873	145.804	ug/l	99
86) p-Isopropyltoluene	12.06	119	2656838	151.321	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1465399	154.195	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1463453	150.482	ug/l	99
89) n-Butylbenzene	12.38	91	2272961	152.777	ug/l	100
90) Hexachloroethane	12.60	117	463099	167.868	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	1464641	155.386	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	234244	171.583	ug/l	99

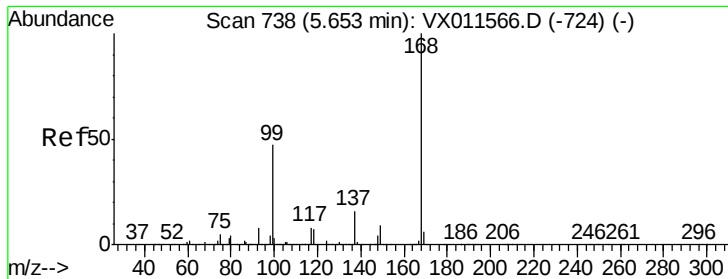
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 03:49:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1168135	179.556	ug/l	99
94) Hexachlorobutadiene	13.78	225	618630	188.085	ug/l	98
95) Naphthalene	13.83	128	3331835	174.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1170911	180.183	ug/l	100

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

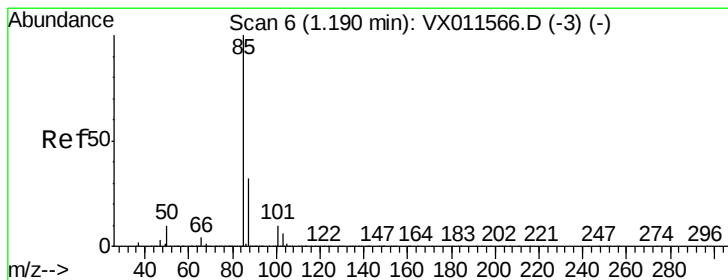
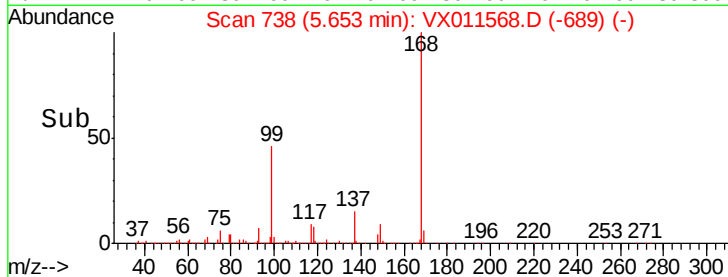
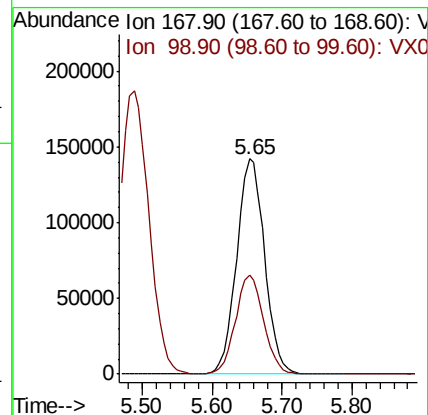
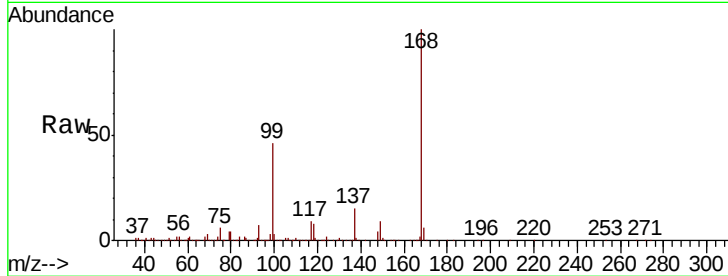


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

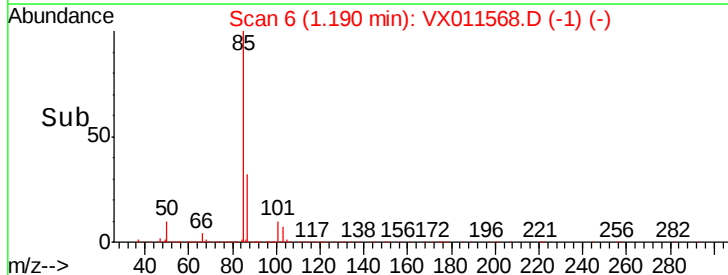
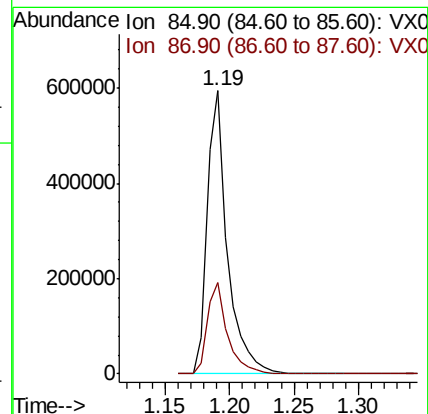
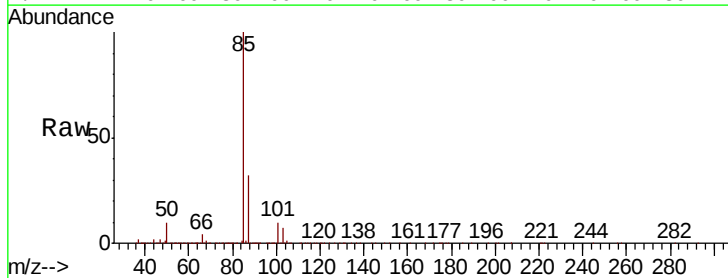
Tgt Ion:168 Resp: 393725
 Ion Ratio Lower Upper
 168 100
 99 46.1 37.3 55.9

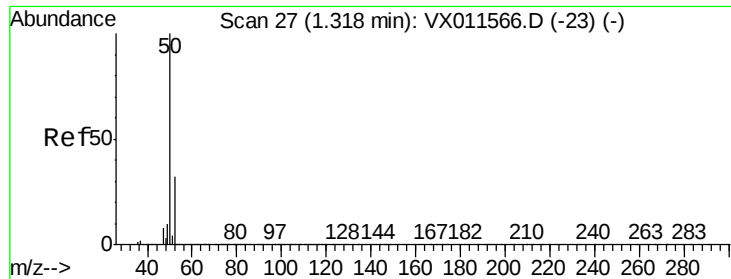


#2

Dichlorodifluoromethane
 Concen: 172.525 ug/l
 RT: 1.19 min Scan# 6
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion: 85 Resp: 637072
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.1 48.2





#3

Chloromethane

Concen: 155.159 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

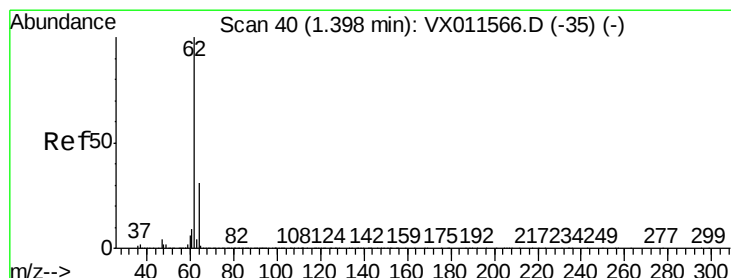
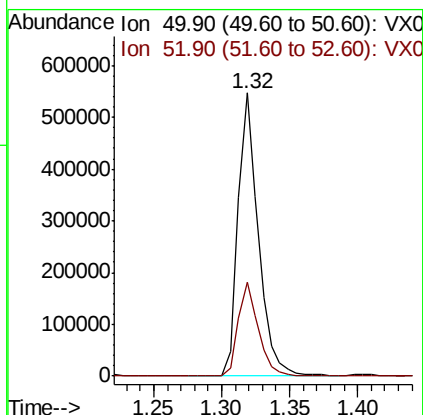
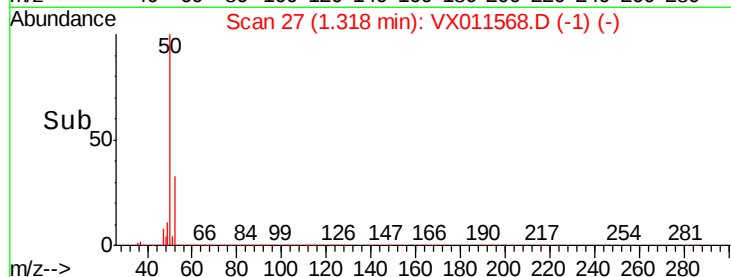
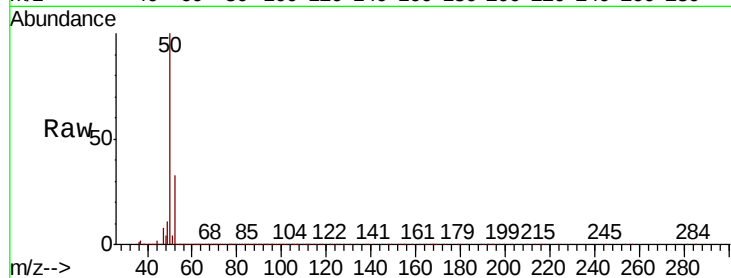
VSTDIC150

Tgt Ion: 50 Resp: 567378

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 151.932 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011568.D

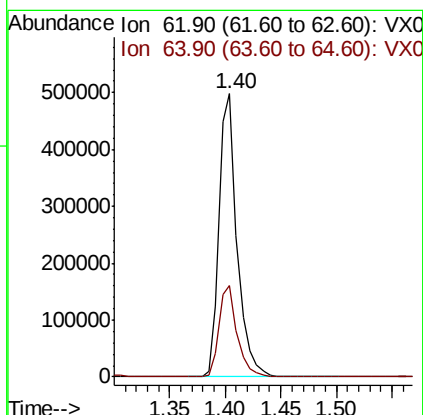
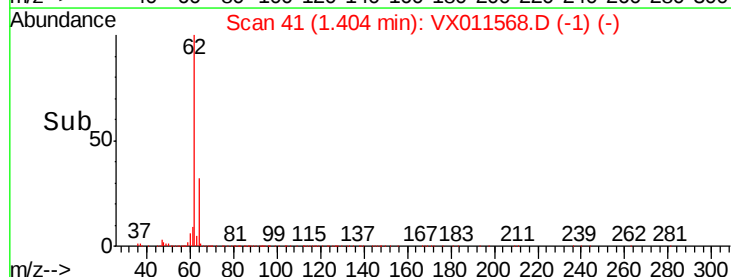
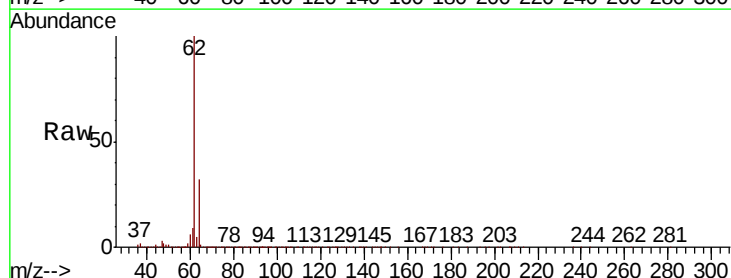
Acq: 15 Aug 2019 19:37

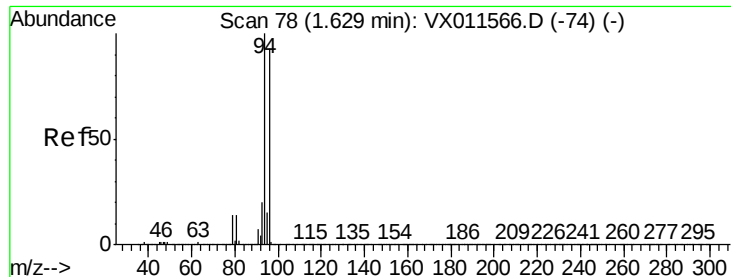
Tgt Ion: 62 Resp: 556886

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 117.793 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

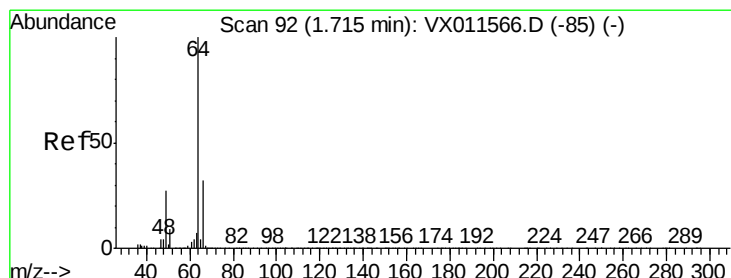
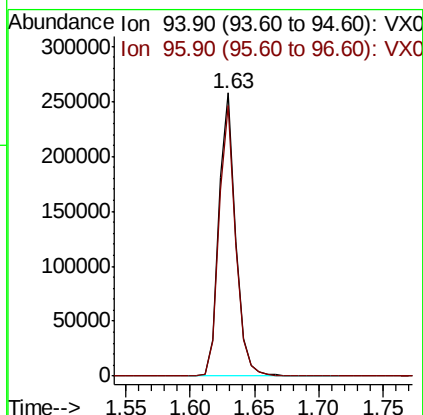
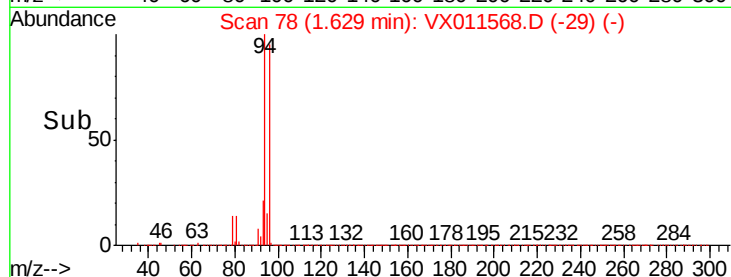
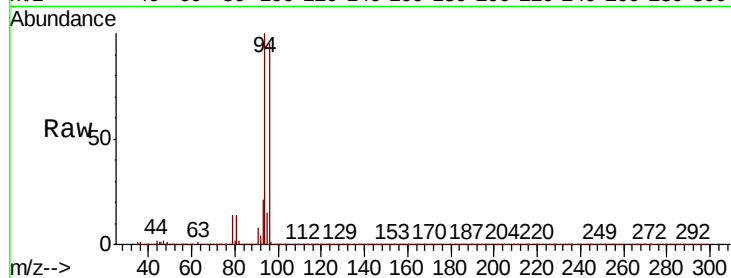
VSTDIC150

Tgt Ion: 94 Resp: 236725

Ion Ratio Lower Upper

94 100

96 95.5 74.8 112.2



#6

Chloroethane

Concen: 92.606 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX011568.D

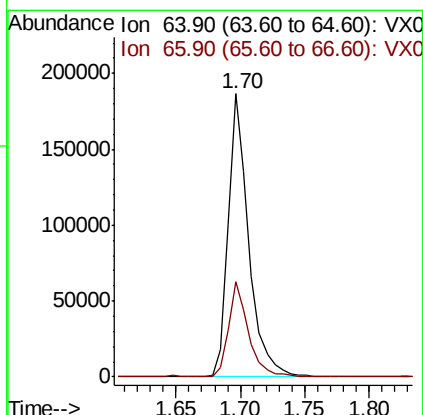
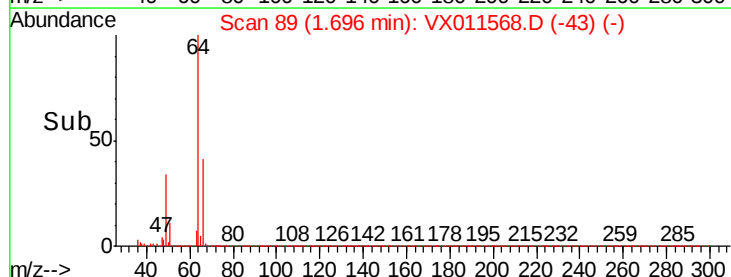
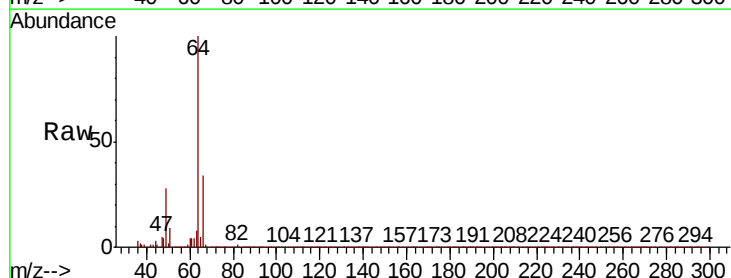
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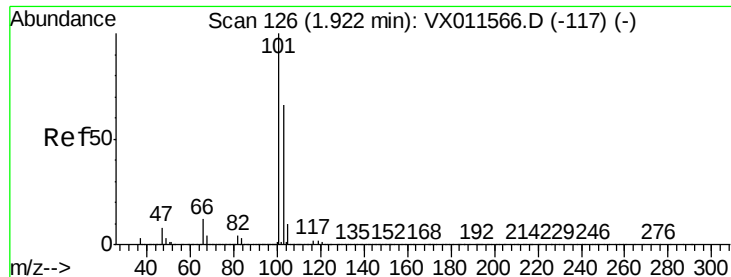
Tgt Ion: 64 Resp: 206754

Ion Ratio Lower Upper

64 100

66 33.6 25.3 37.9



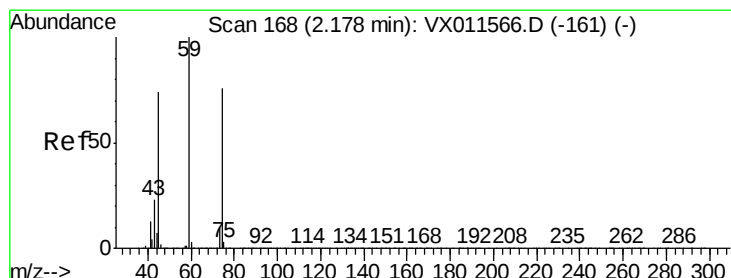
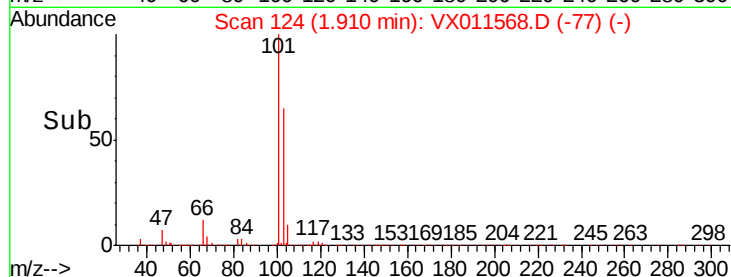
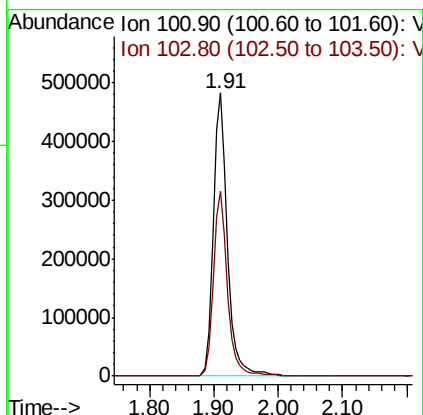
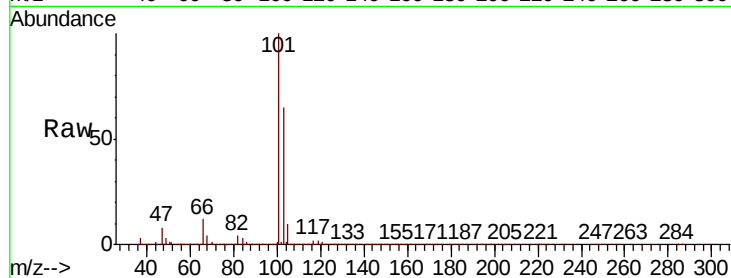


#7

Trichlorofluoromethane
Concen: 123.146 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

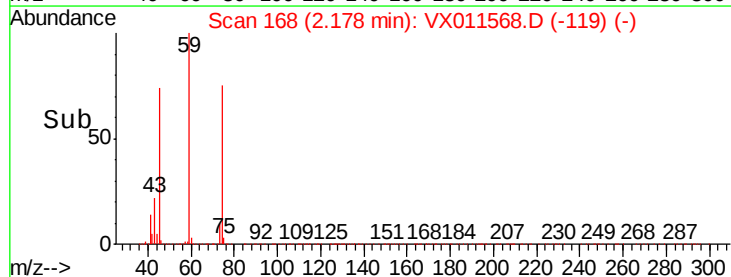
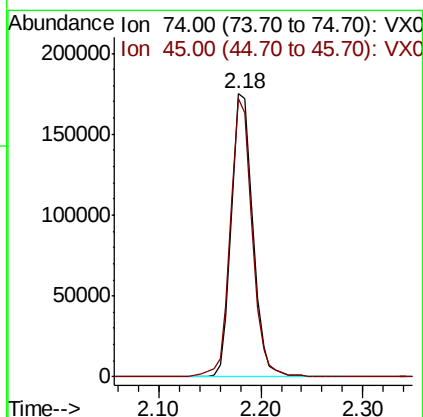
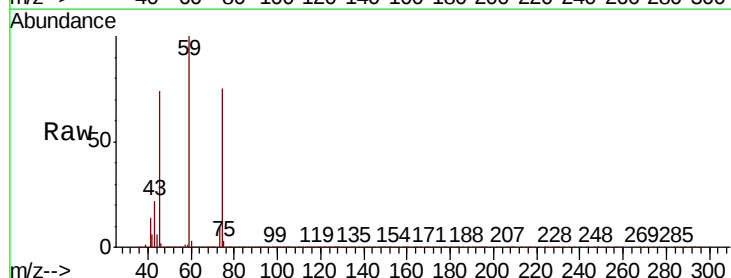
Tgt Ion:101 Resp: 743997
Ion Ratio Lower Upper
101 100
103 65.1 52.9 79.3

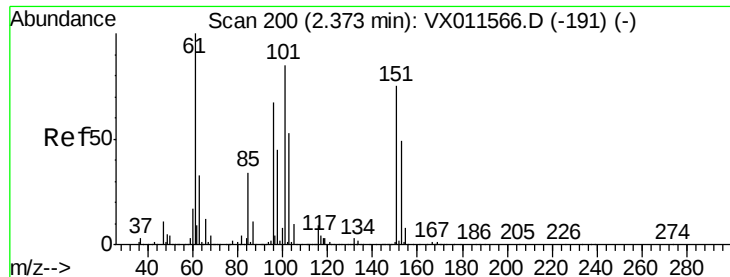


#8

Diethyl Ether
Concen: 120.457 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion: 74 Resp: 252068
Ion Ratio Lower Upper
74 100
45 99.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.389 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

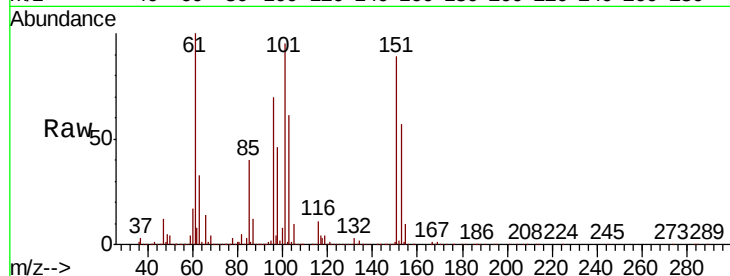
Tgt Ion:101 Resp: 502641

Ion Ratio Lower Upper

101 100

85 42.0 33.0 49.4

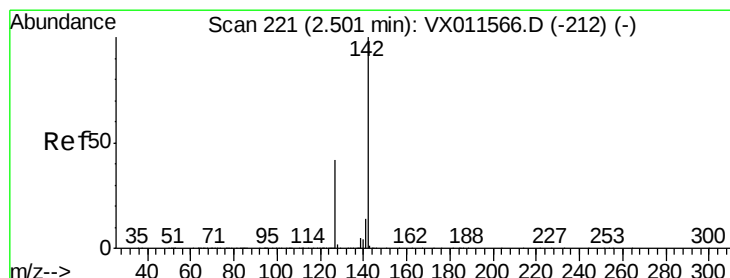
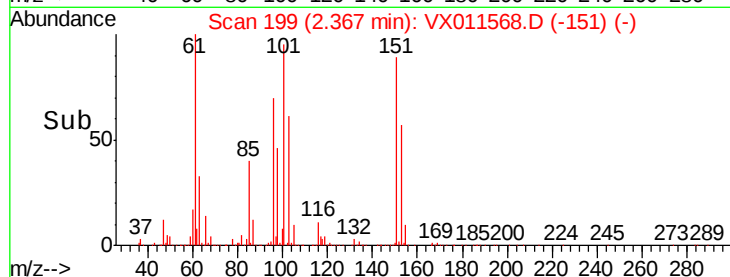
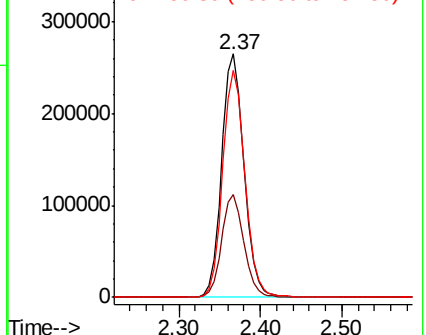
151 92.8 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 170.221 ug/l

RT: 2.50 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

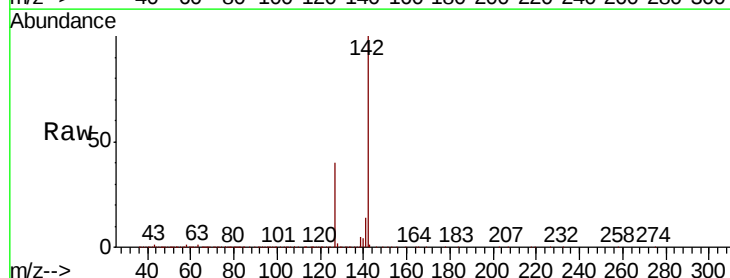
Tgt Ion:142 Resp: 803462

Ion Ratio Lower Upper

142 100

127 40.6 32.8 49.2

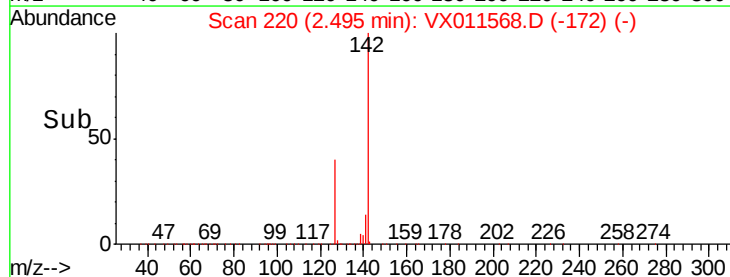
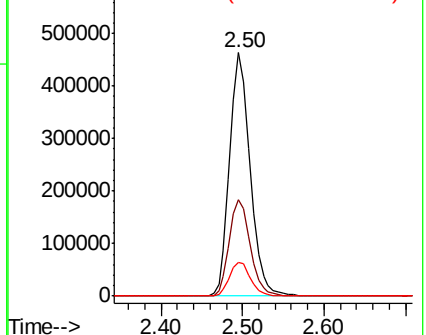
141 14.3 11.4 17.2

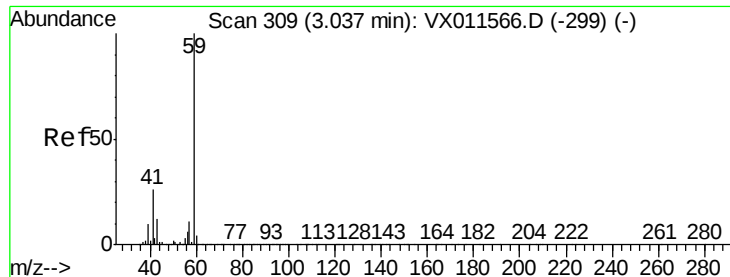


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



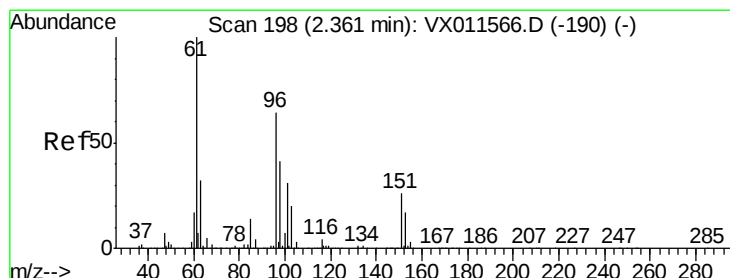
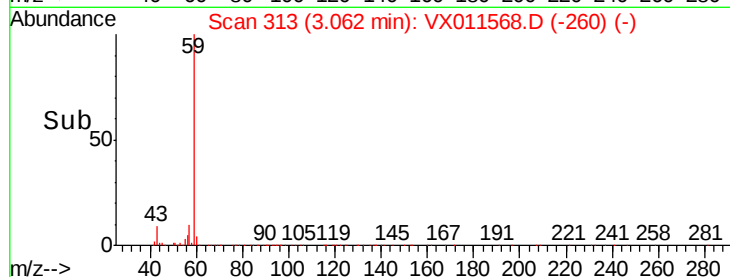
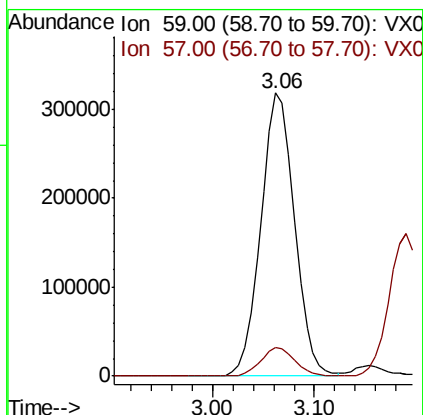
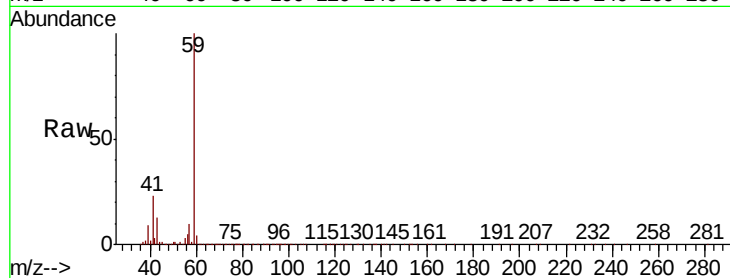


#11

Tert butyl alcohol
Concen: 748.474 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.02 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

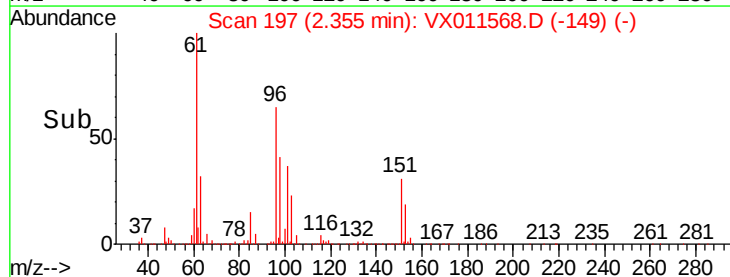
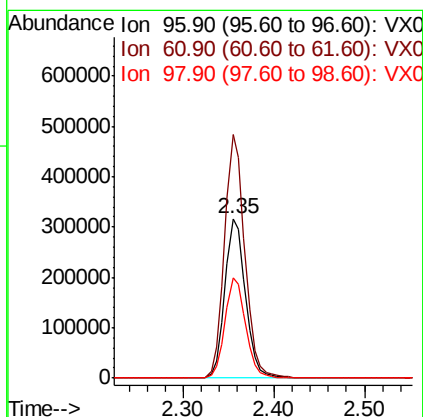
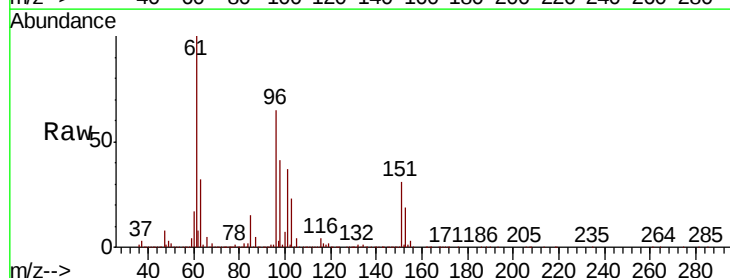
Tgt Ion: 59 Resp: 729281
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

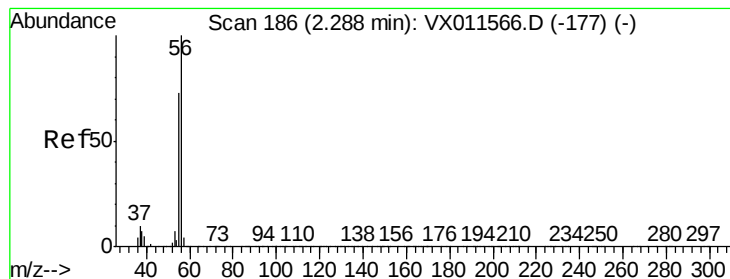


#12

1,1-Dichloroethene
Concen: 144.337 ug/l
RT: 2.35 min Scan# 197
Delta R.T. -0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion: 96 Resp: 500061
Ion Ratio Lower Upper
96 100
61 152.9 125.0 187.4
98 63.3 51.5 77.3





#13

Acrolein

Concen: 438.465 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

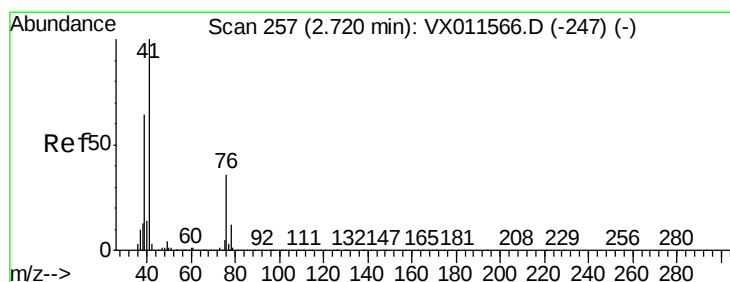
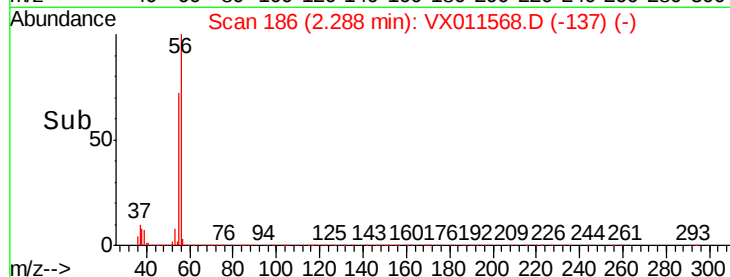
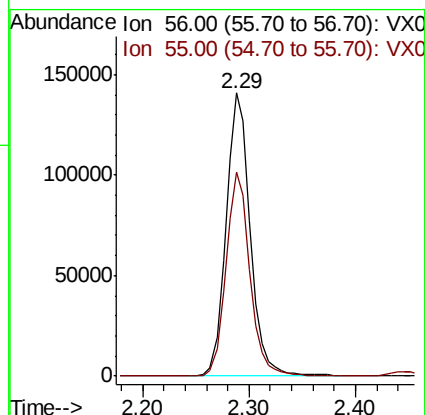
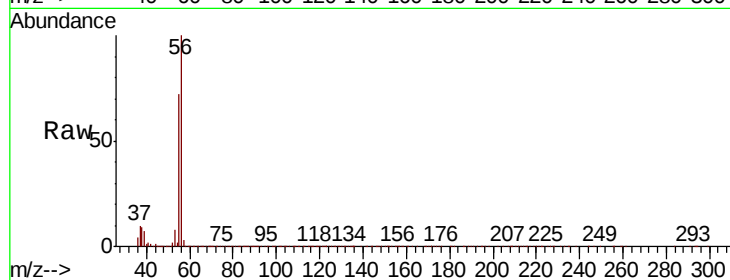
VSTDIC150

Tgt Ion: 56 Resp: 221697

Ion Ratio Lower Upper

56 100

55 71.1 55.5 83.3



#14

Allyl chloride

Concen: 163.365 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

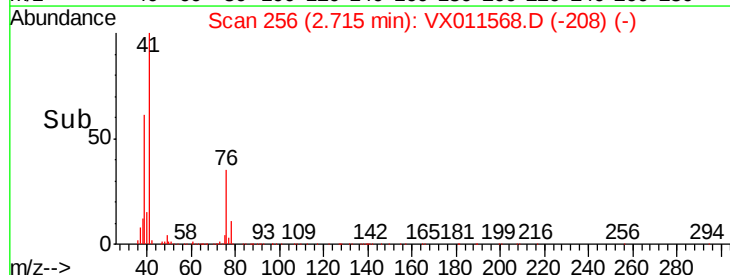
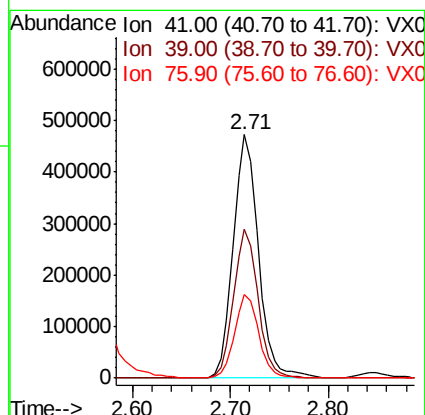
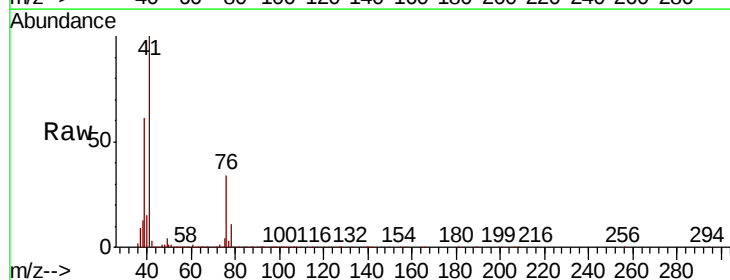
Tgt Ion: 41 Resp: 848197

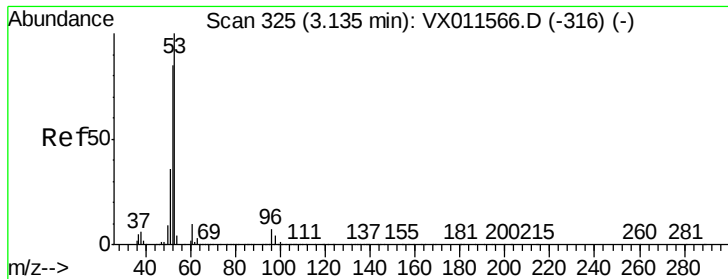
Ion Ratio Lower Upper

41 100

39 59.3 47.5 71.3

76 32.8 26.3 39.5





#15

Acrylonitrile

Concen: 777.936 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

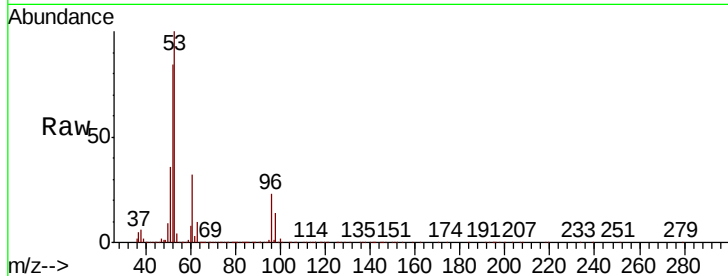
Tgt Ion: 53 Resp: 1556838

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

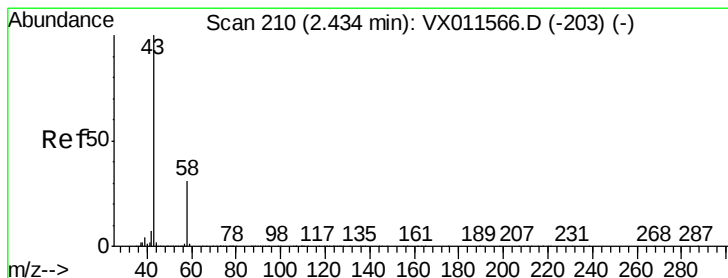
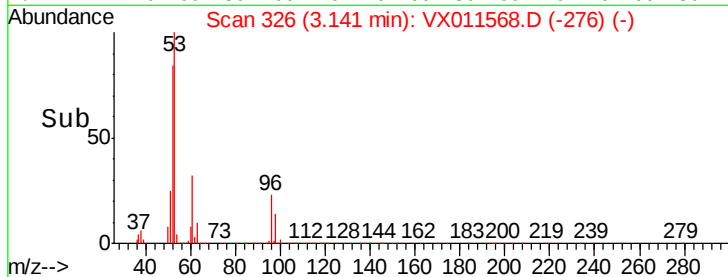
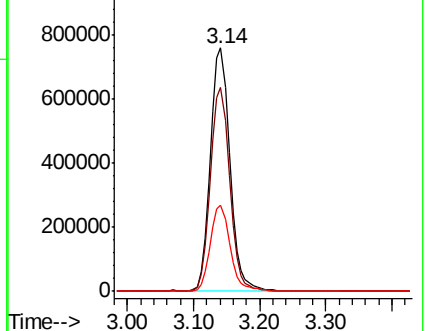
51 35.9 28.7 43.1



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: 706.659 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX011568.D

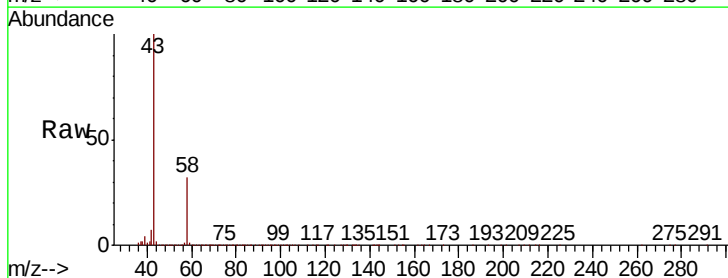
Acq: 15 Aug 2019 19:37

Tgt Ion: 43 Resp: 1331517

Ion Ratio Lower Upper

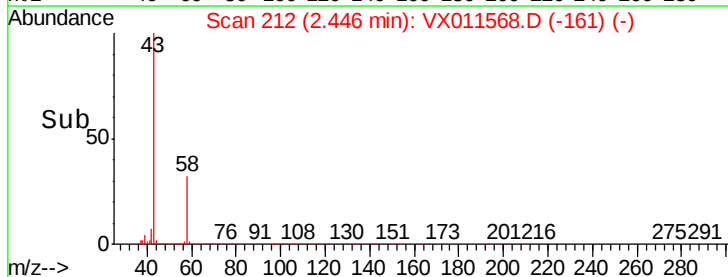
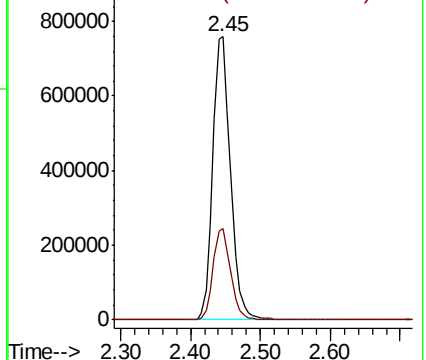
43 100

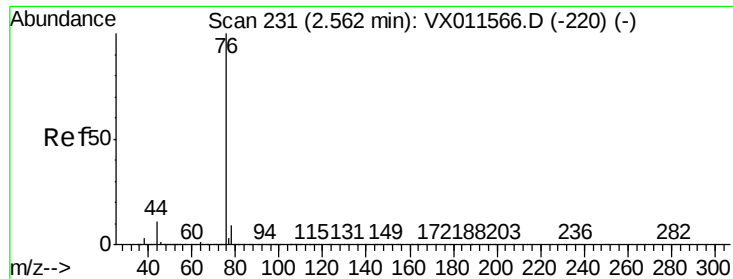
58 32.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 141.135 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

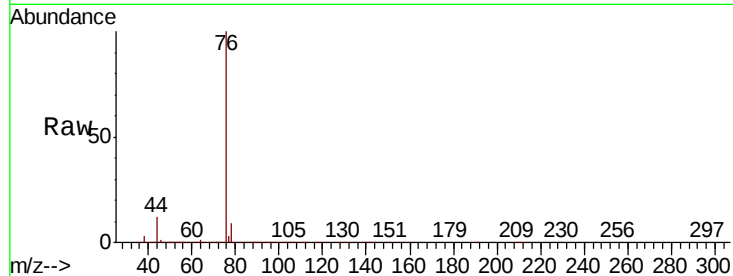
VSTDIC150

Tgt Ion: 76 Resp: 1240621

Ion Ratio Lower Upper

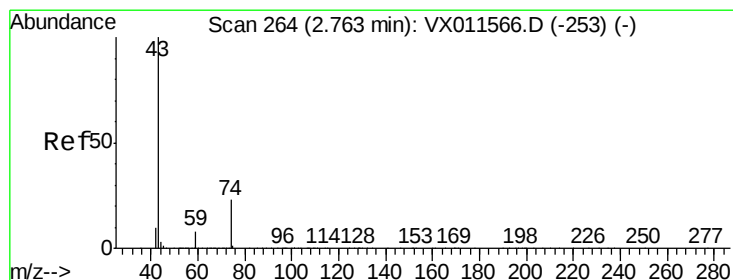
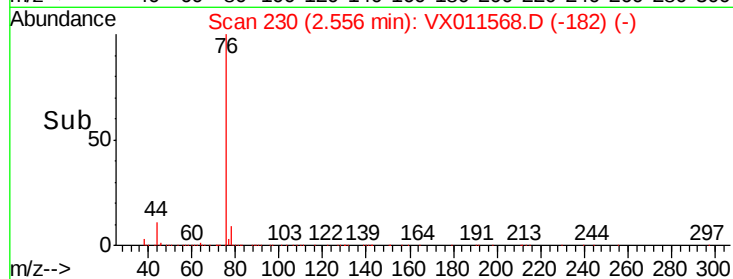
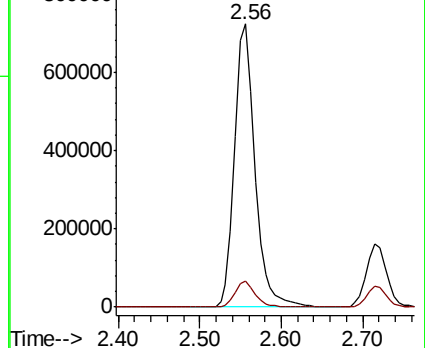
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 189.191 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011568.D

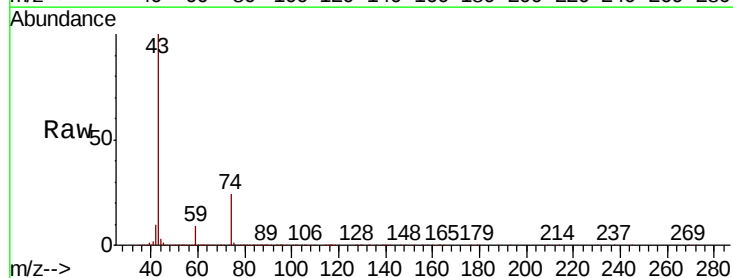
Acq: 15 Aug 2019 19:37

Tgt Ion: 43 Resp: 875752

Ion Ratio Lower Upper

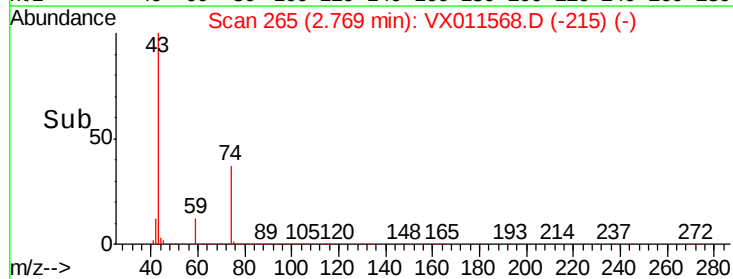
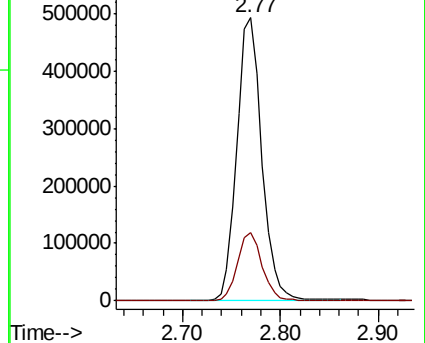
43 100

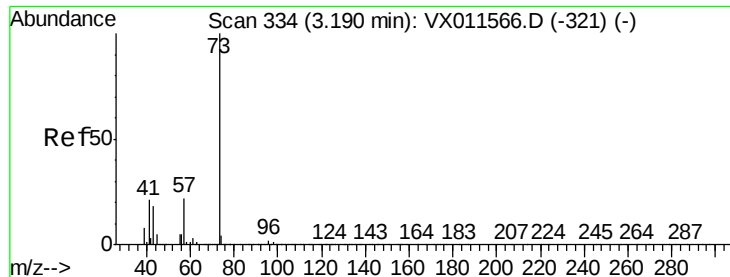
74 24.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



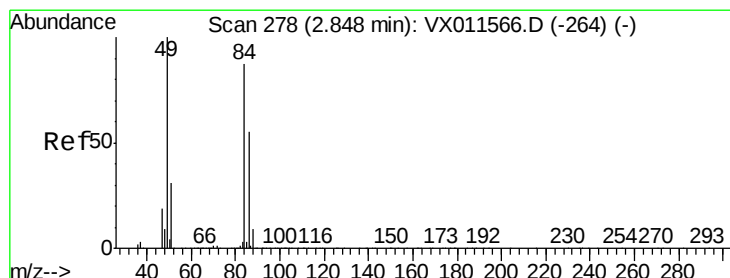
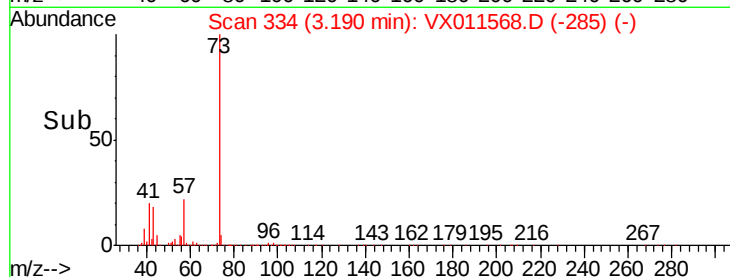
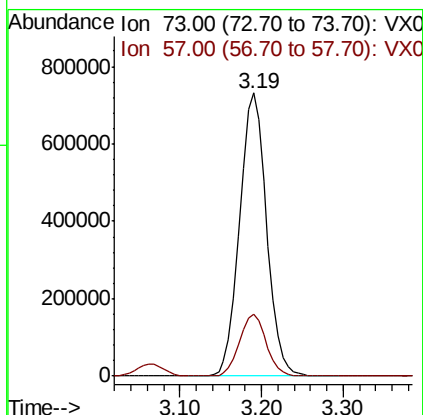
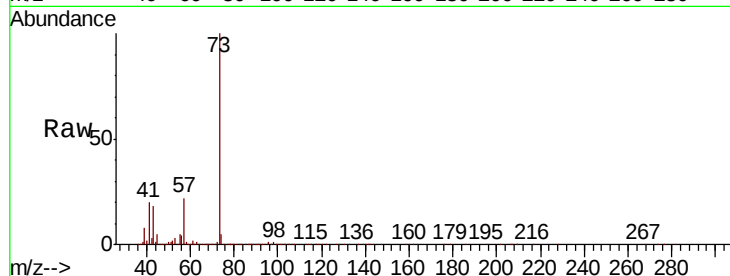


#19

Methyl tert-butyl Ether
 Concen: 147.568 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

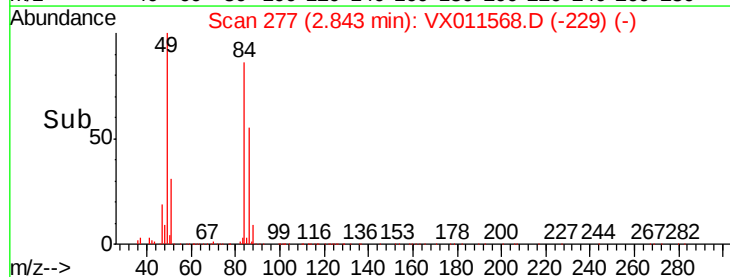
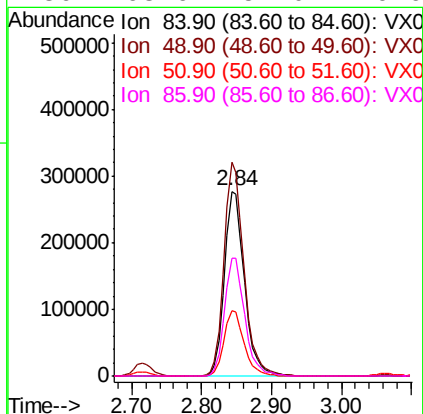
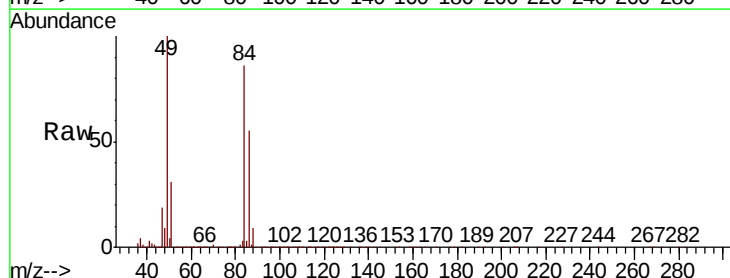
Tgt Ion: 73 Resp: 1671498
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.2 25.8

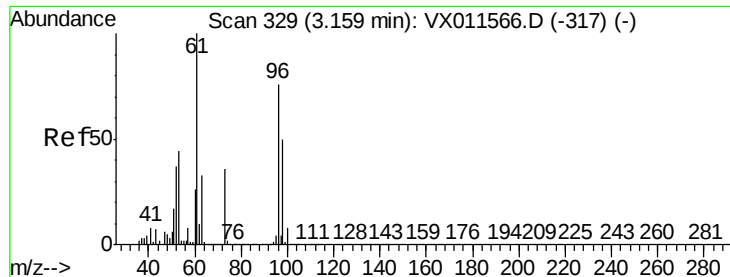


#20

Methylene Chloride
 Concen: 138.513 ug/l
 RT: 2.84 min Scan# 277
 Delta R.T. -0.01 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion: 84 Resp: 551792
 Ion Ratio Lower Upper
 84 100
 49 115.7 92.4 138.6
 51 35.5 28.5 42.7
 86 63.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 142.555 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

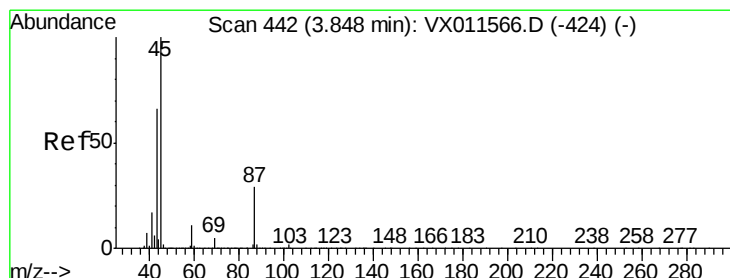
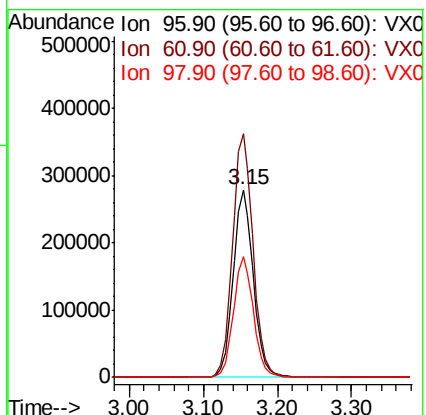
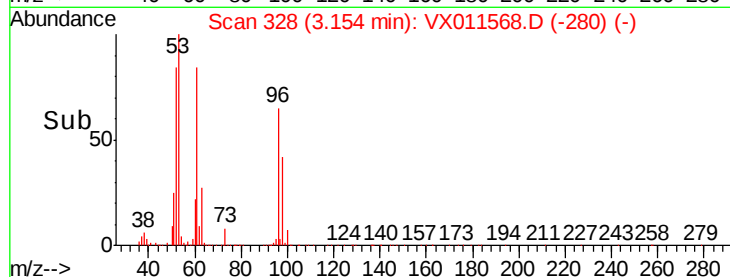
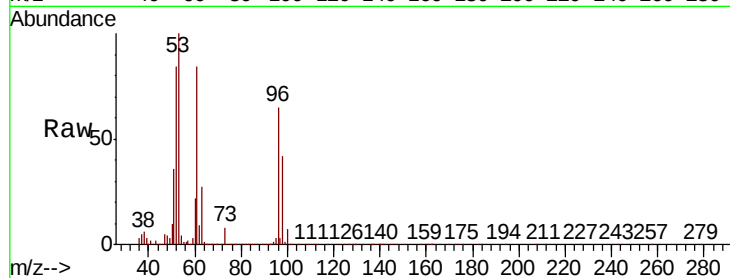
Tgt Ion: 96 Resp: 527264

Ion Ratio Lower Upper

96 100

61 129.5 105.5 158.3

98 64.5 52.6 78.8



#22

Diisopropyl ether

Concen: 153.040 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Tgt Ion: 45 Resp: 1668295

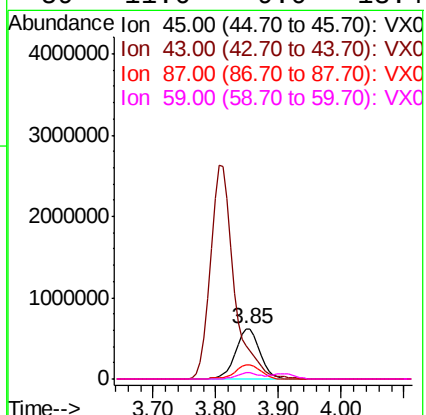
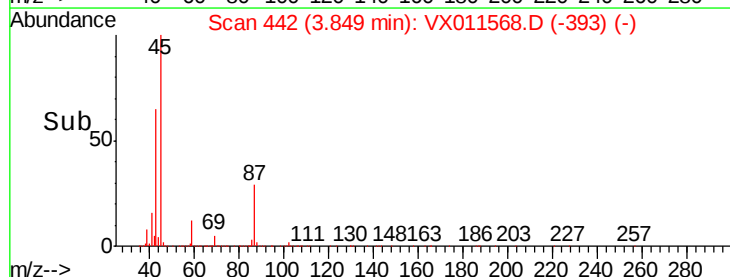
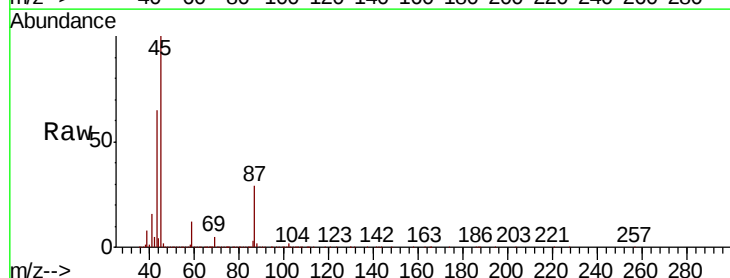
Ion Ratio Lower Upper

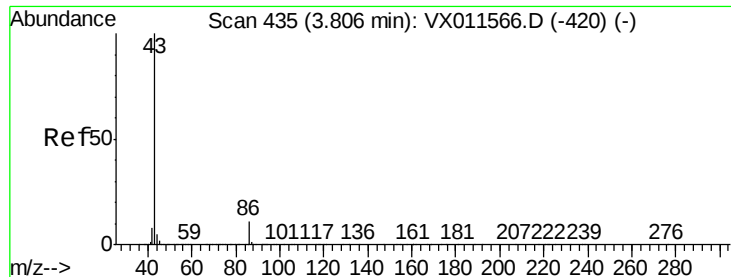
45 100

43 65.1 52.7 79.1

87 29.1 23.5 35.3

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 754.327 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

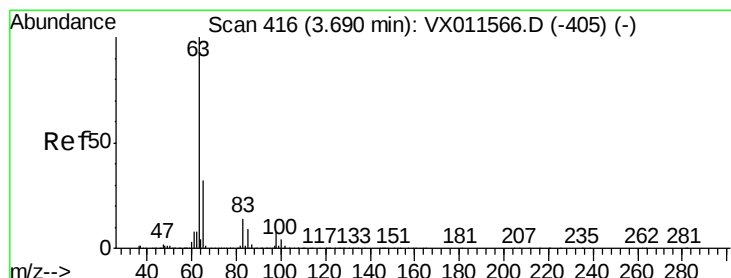
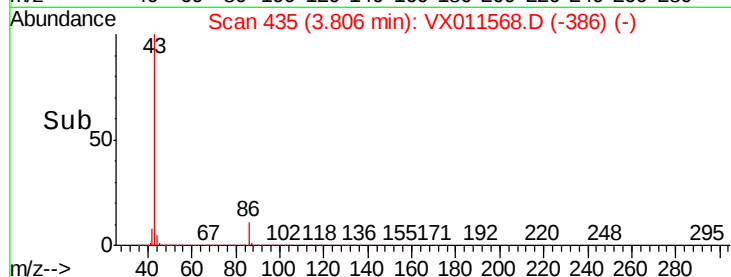
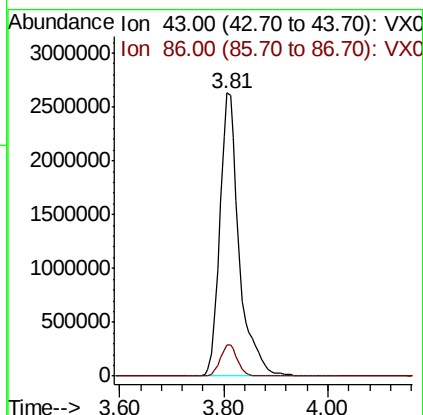
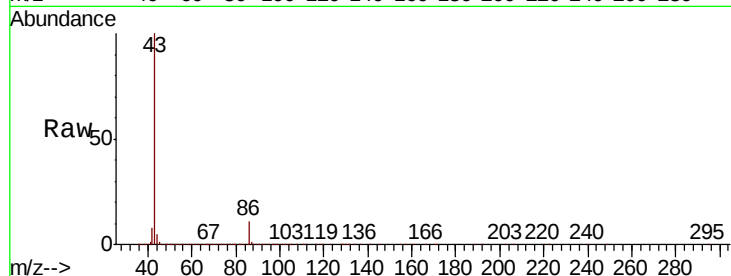
VSTDIC150

Tgt Ion: 43 Resp: 6851274

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 148.344 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

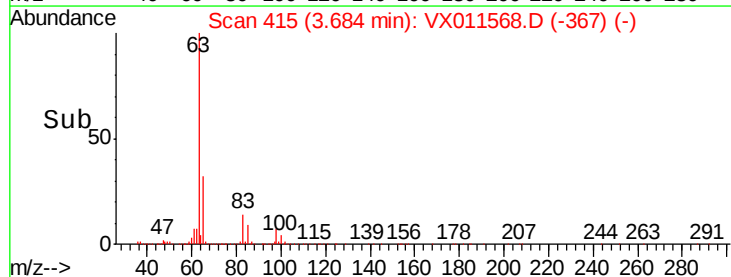
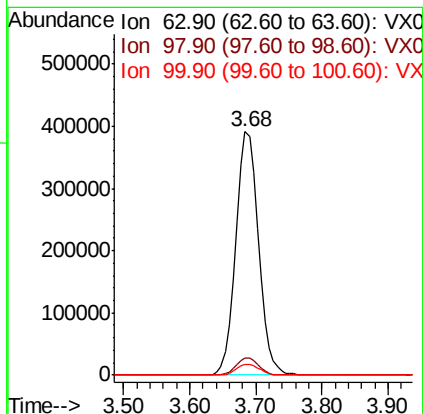
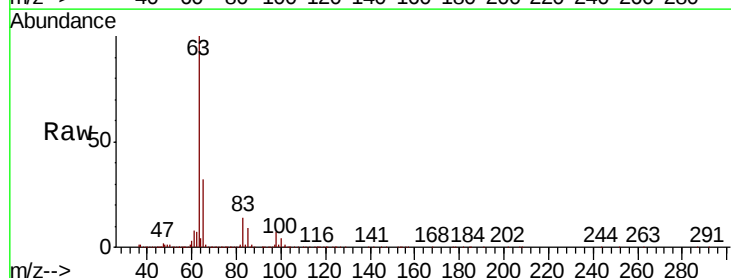
Tgt Ion: 63 Resp: 931039

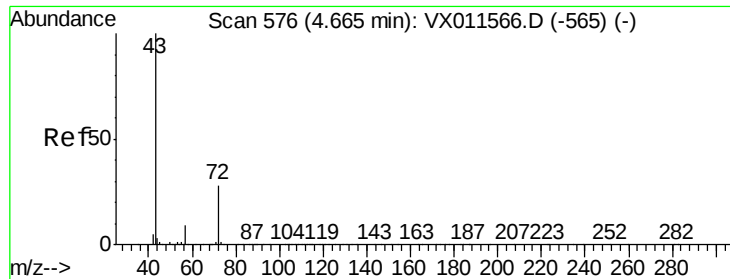
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 796.127 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

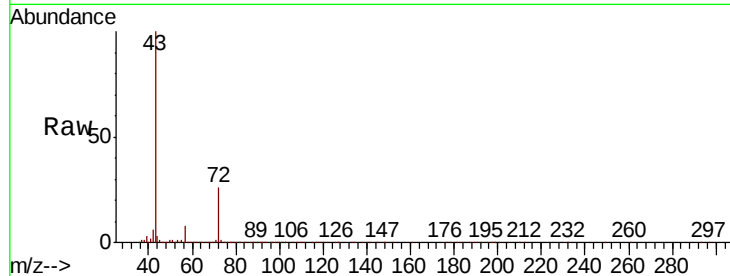
VSTDIC150

Tgt Ion: 43 Resp: 2192941

Ion Ratio Lower Upper

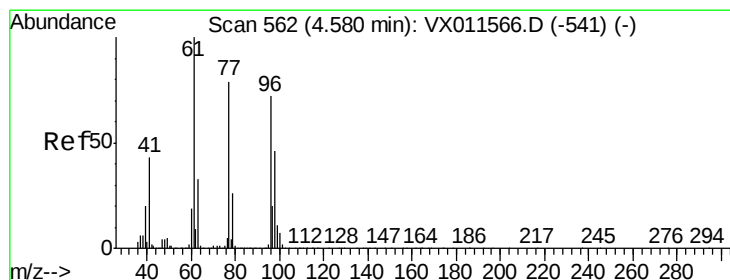
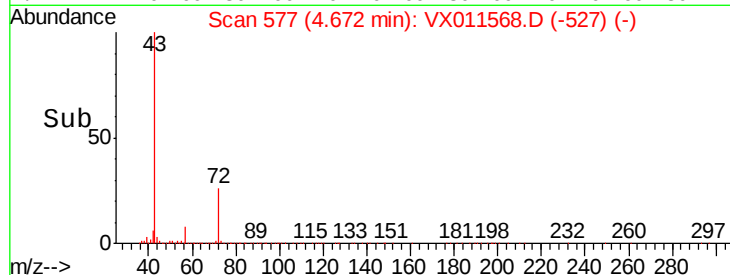
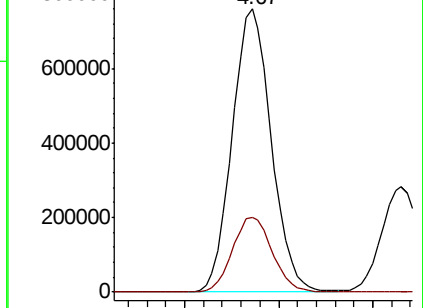
43 100

72 26.3 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 142.337 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011568.D

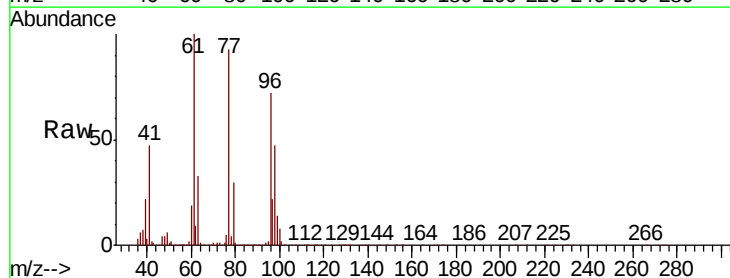
Acq: 15 Aug 2019 19:37

Tgt Ion: 77 Resp: 722158

Ion Ratio Lower Upper

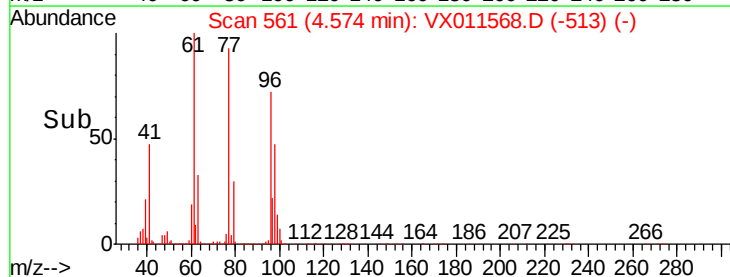
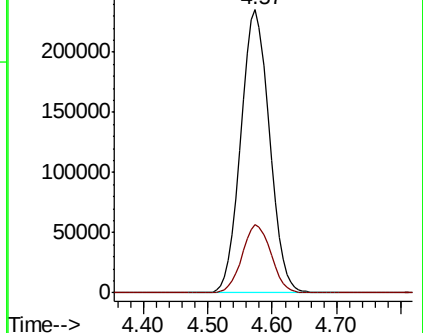
77 100

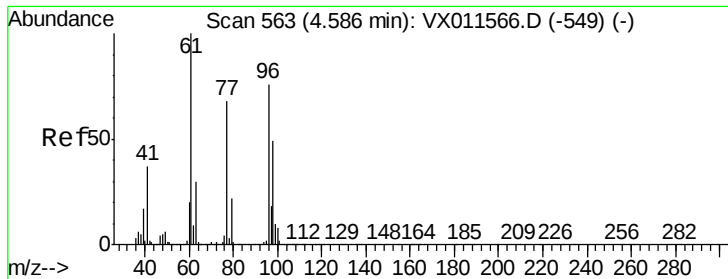
97 24.3 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



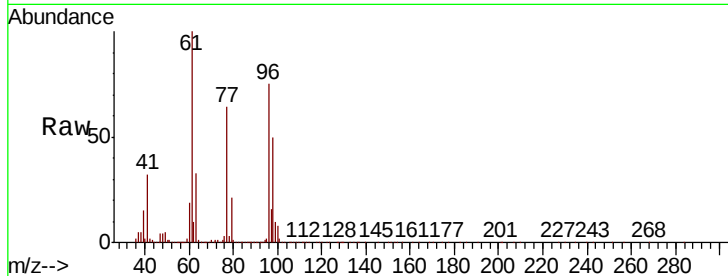


#27

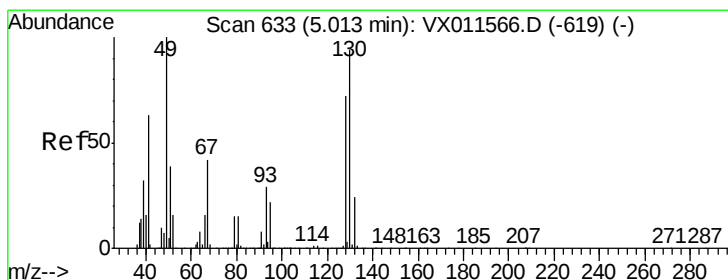
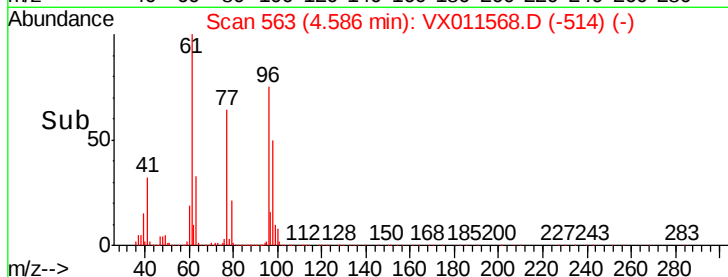
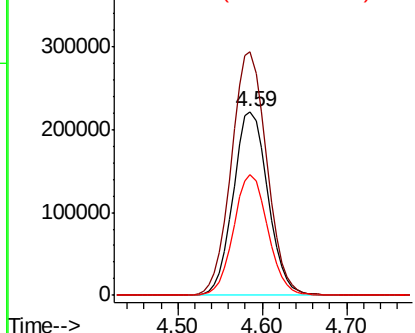
cis-1,2-Dichloroethene
Concen: 143.527 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	272.6
98	65.1	0.0	129.4



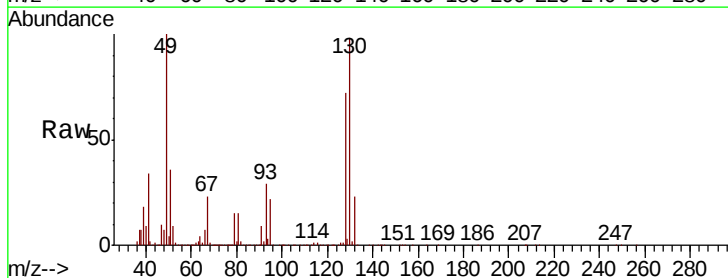
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



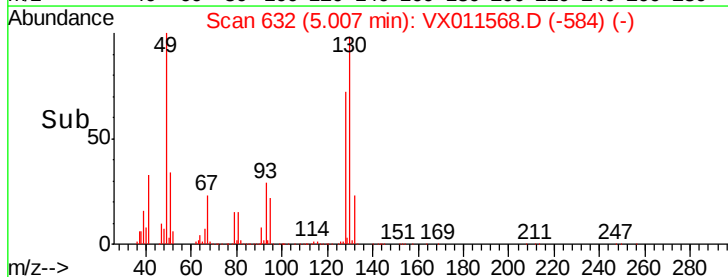
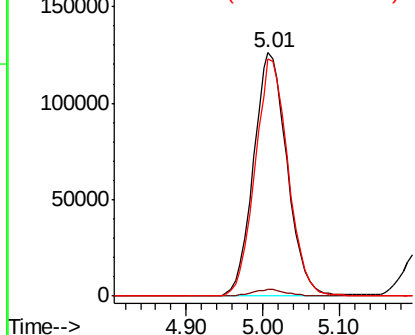
#28

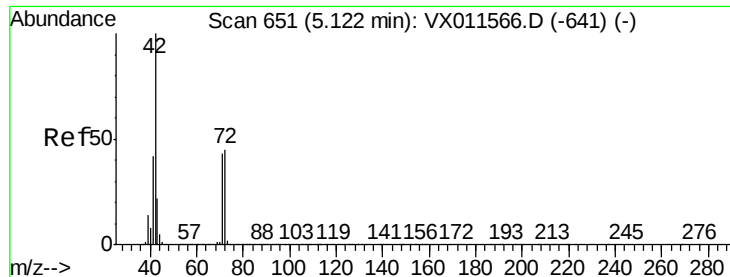
Bromochloromethane
Concen: 130.969 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	96.3	76.6	115.0



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: 813.188 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

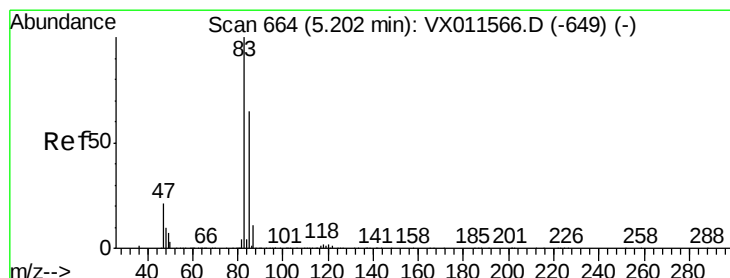
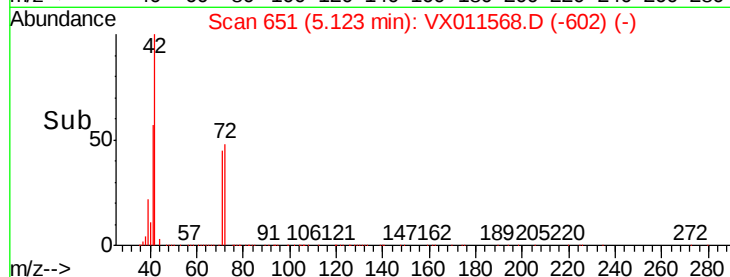
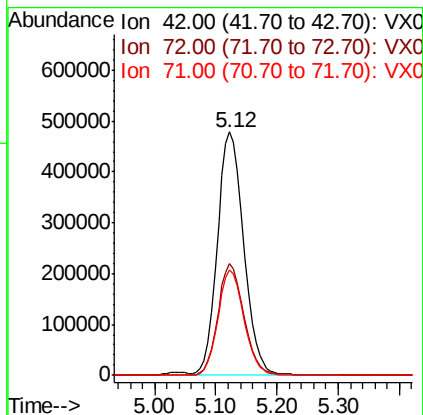
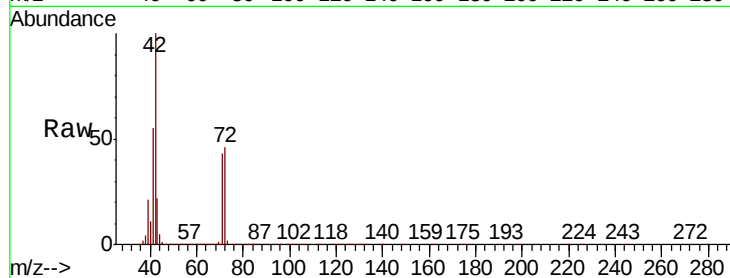
Tgt Ion: 42 Resp: 1433098

Ion Ratio Lower Upper

42 100

72 45.5 36.1 54.1

71 42.7 33.8 50.8



#30

Chloroform

Concen: 142.955 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011568.D

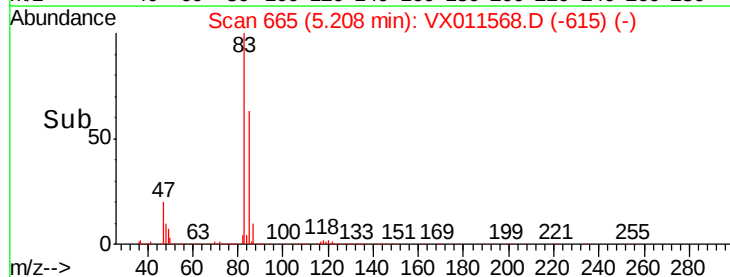
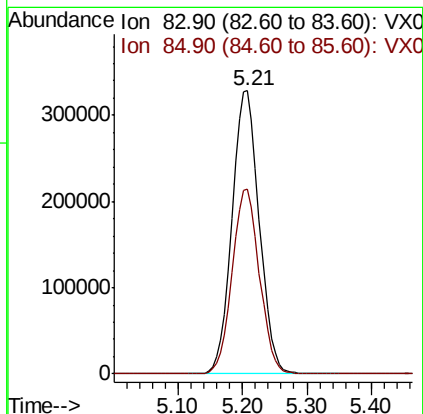
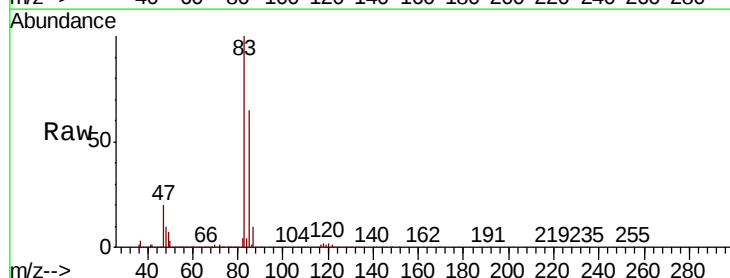
Acq: 15 Aug 2019 19:37

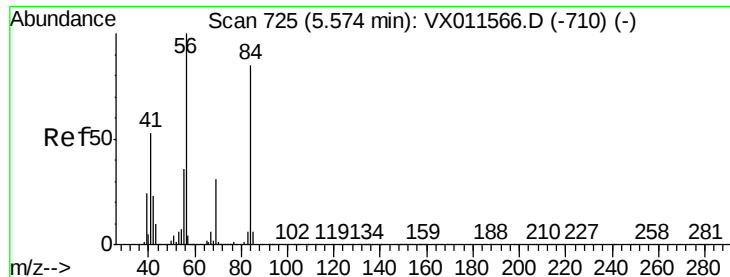
Tgt Ion: 83 Resp: 967252

Ion Ratio Lower Upper

83 100

85 65.1 51.9 77.9

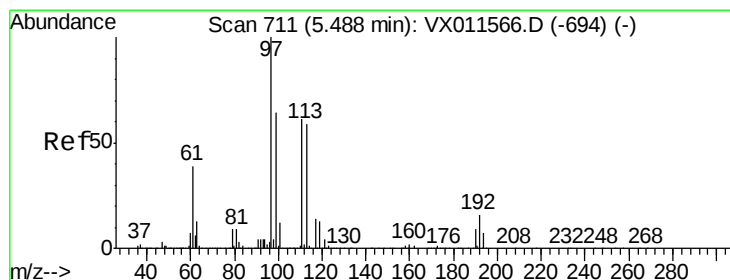
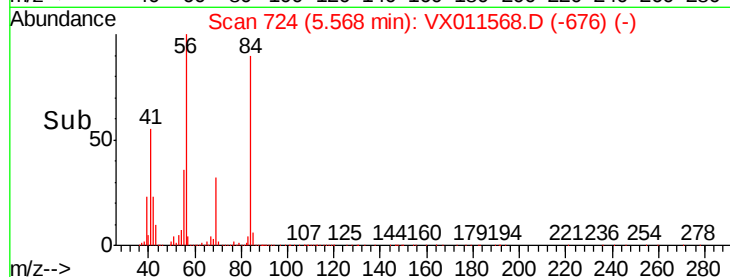
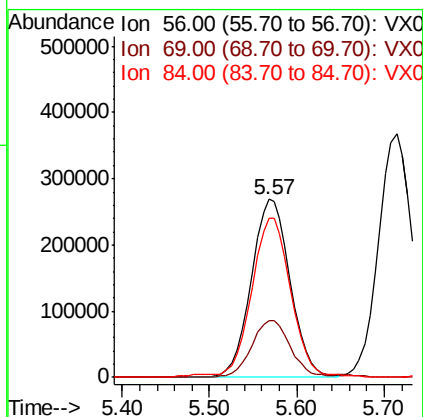
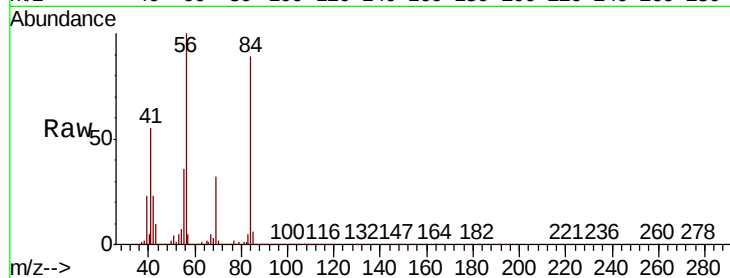




#31
Cyclohexane
Concen: 145.603 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

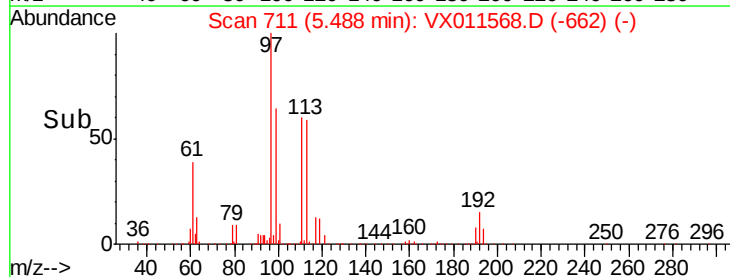
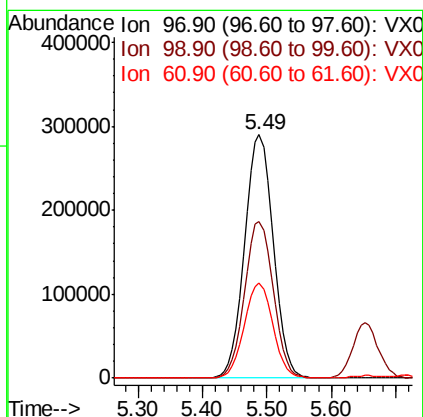
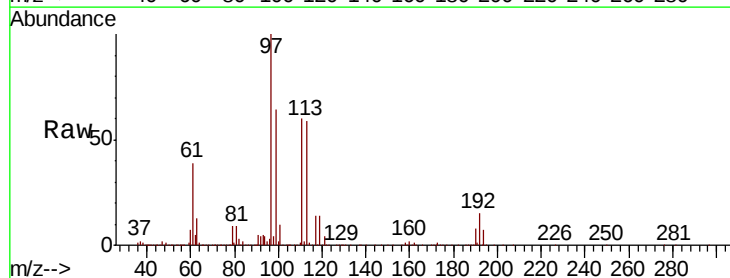
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

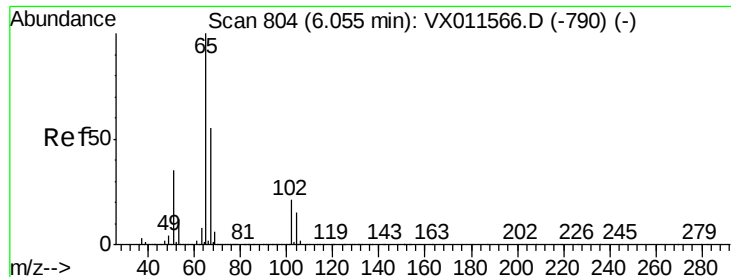
Tgt Ion: 56 Resp: 828065
Ion Ratio Lower Upper
56 100
69 31.7 24.8 37.2
84 88.2 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 151.515 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion: 97 Resp: 885503
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 39.1 31.4 47.2

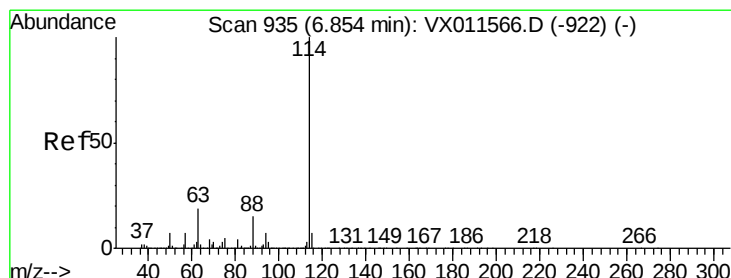
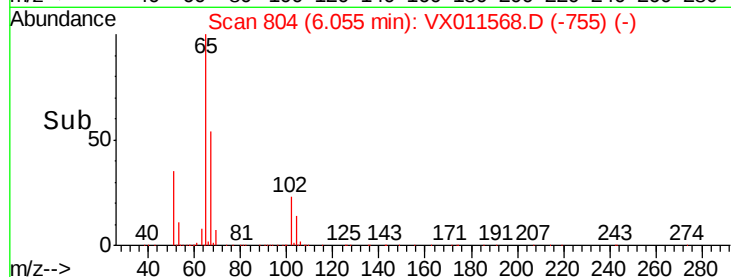
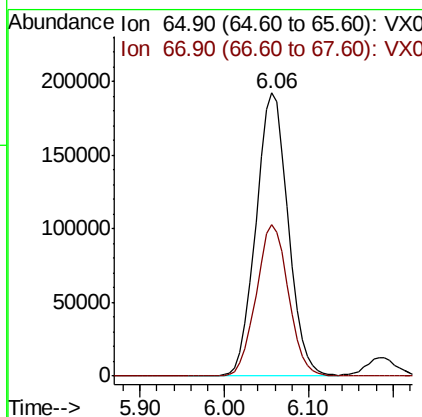
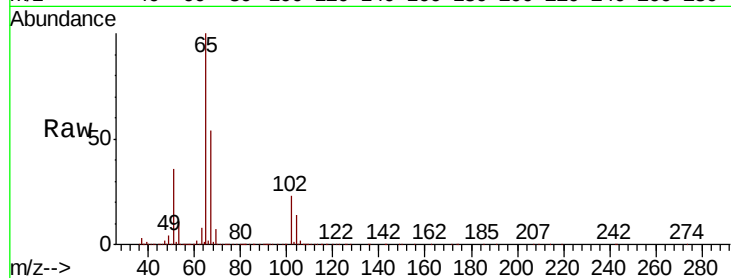




#33
 1,2-Dichloroethane-d4
 Concen: 123.930 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

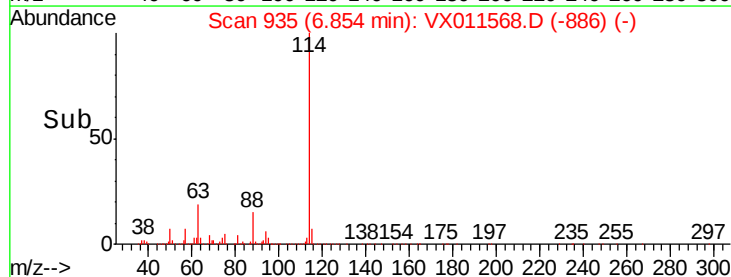
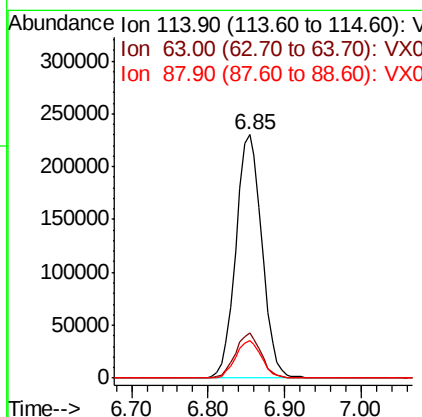
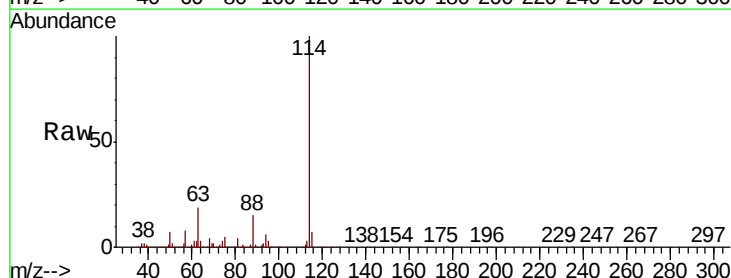
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

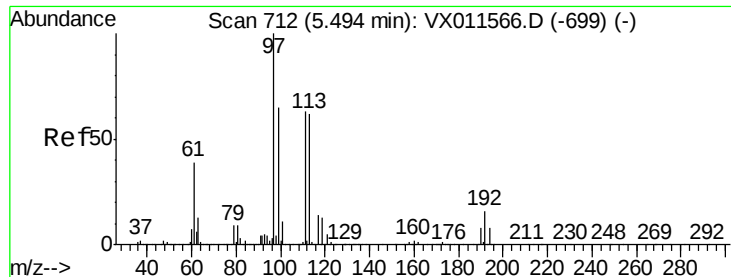
Tgt Ion: 65 Resp: 502713
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion: 114 Resp: 541592
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 142.959 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

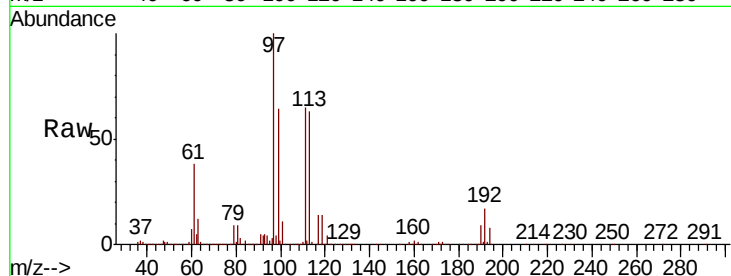
Tgt Ion:113 Resp: 487876

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

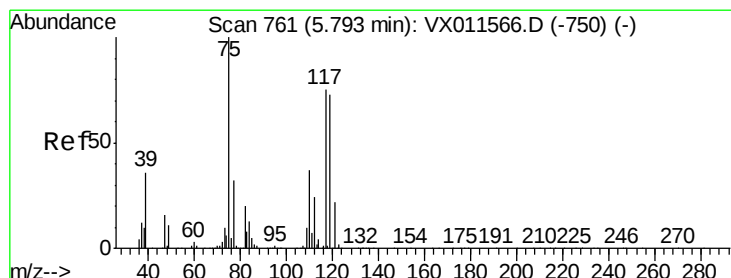
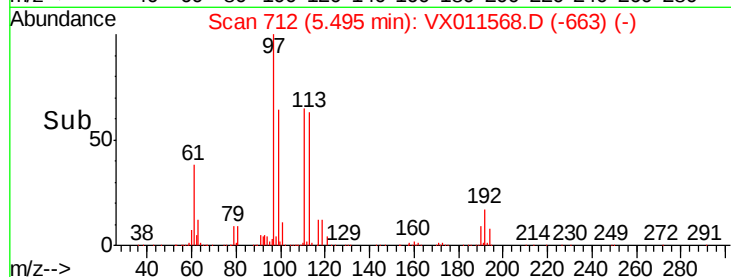
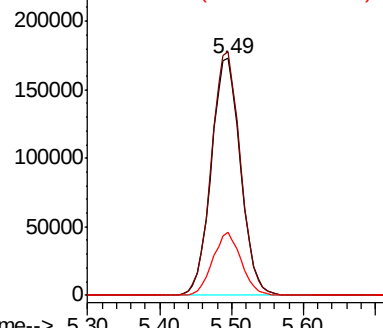
192 25.9 20.8 31.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 158.789 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

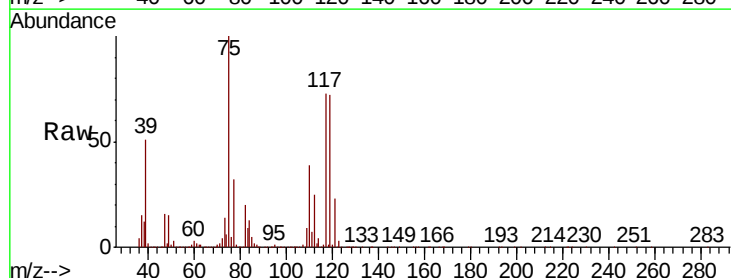
Tgt Ion: 75 Resp: 714422

Ion Ratio Lower Upper

75 100

110 39.0 19.4 58.1

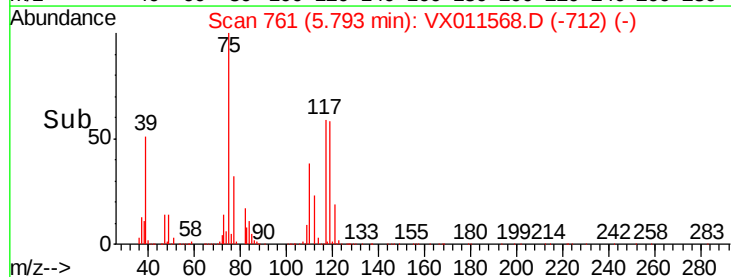
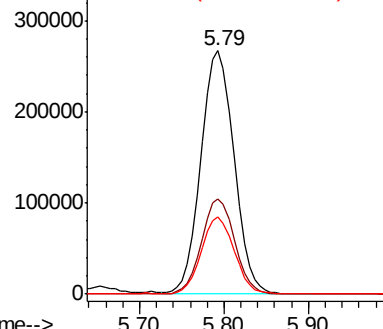
77 31.7 25.1 37.7

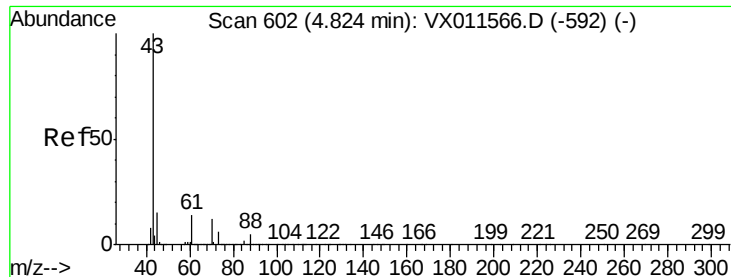


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

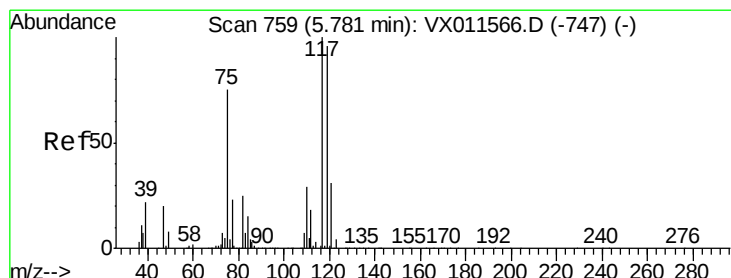
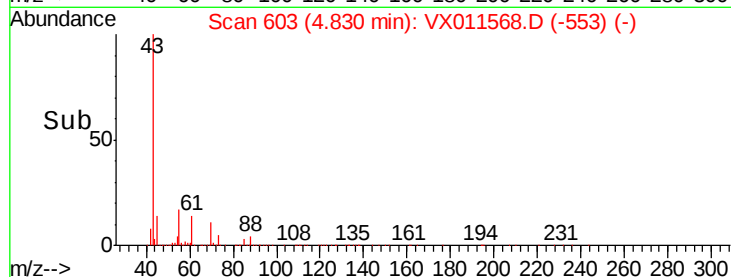
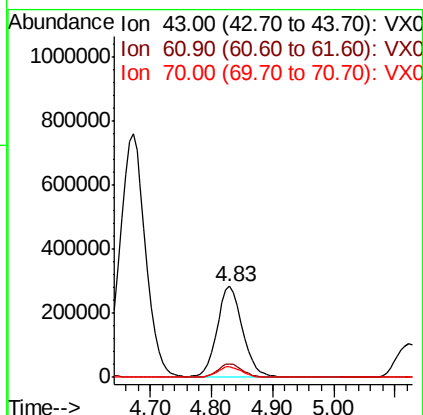
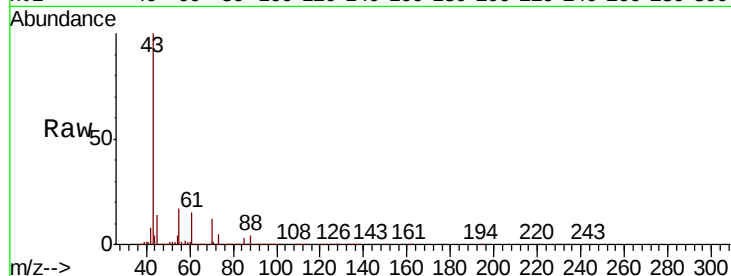




#37
Ethyl Acetate
Concen: 175.371 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

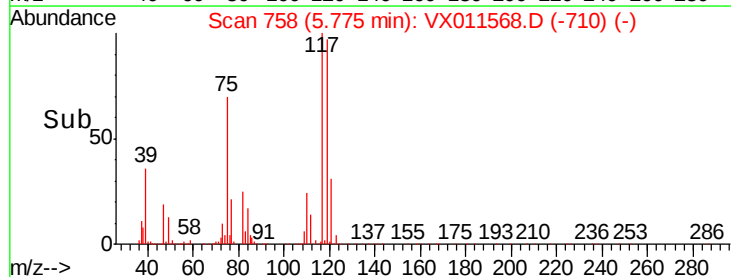
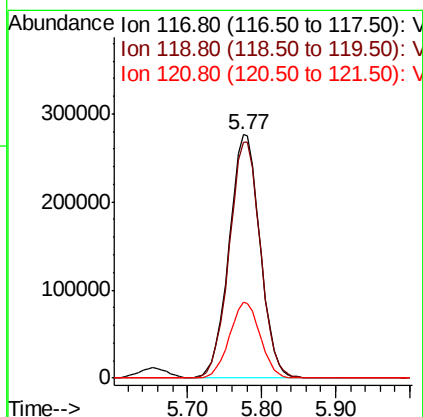
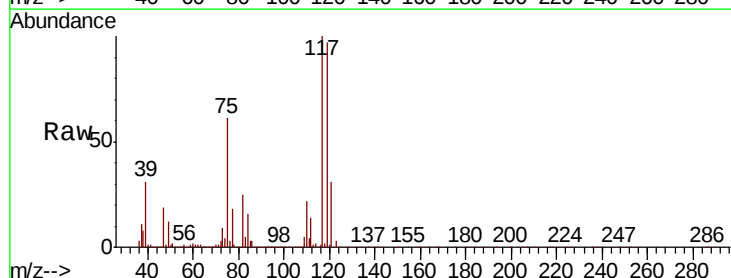
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

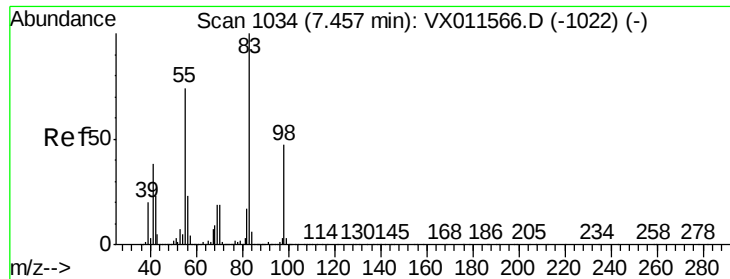
Tgt Ion: 43 Resp: 822035
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 170.034 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion: 117 Resp: 803790
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3
121 31.3 24.8 37.2

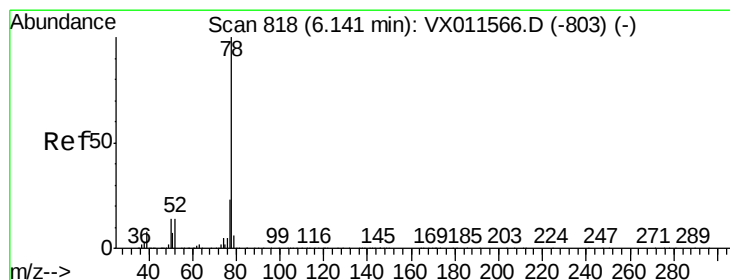
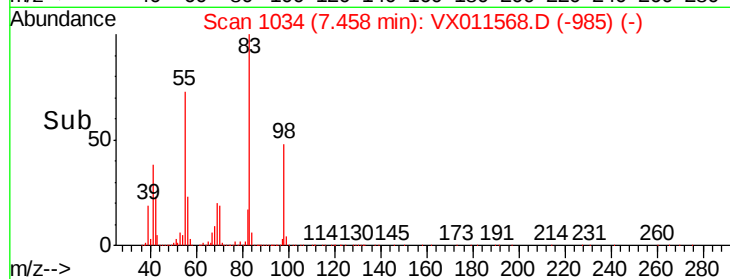
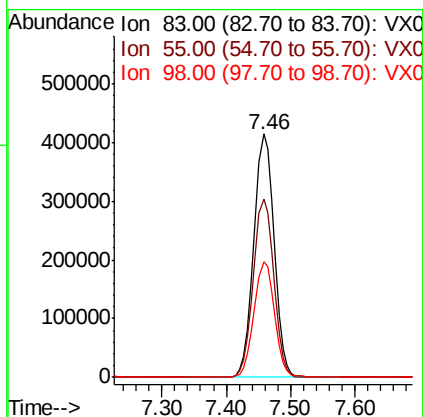
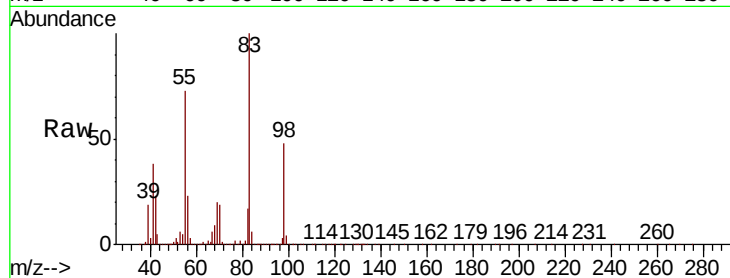




#39
Methylcyclohexane
Concen: 153.544 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

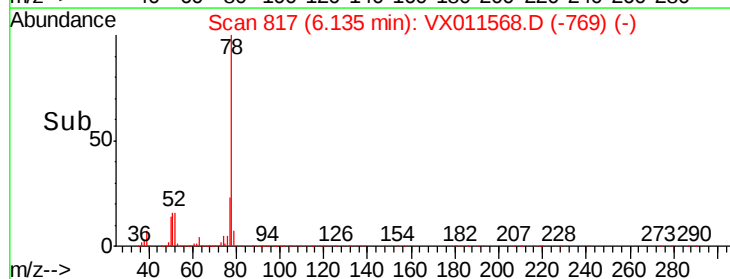
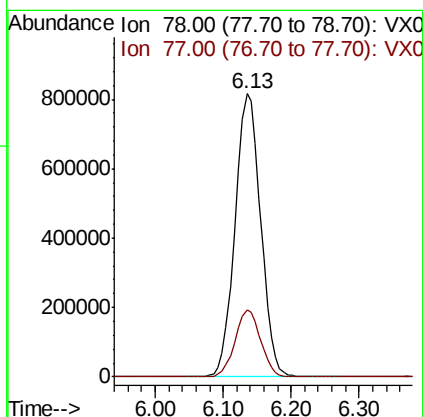
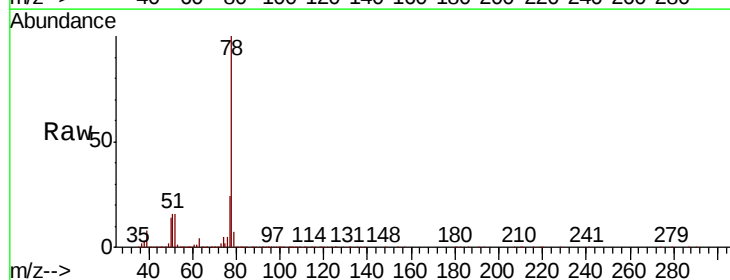
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

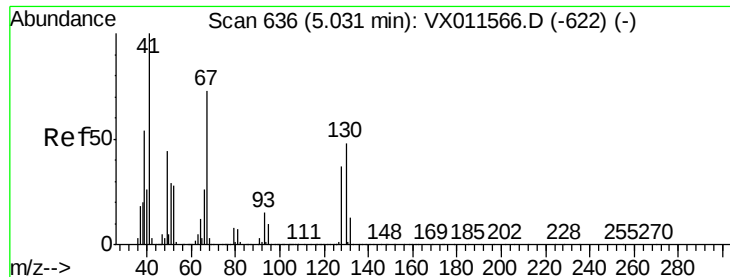
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.2	58.8	88.2
98	47.5	37.8	56.6



#40
Benzene
Concen: 154.667 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0

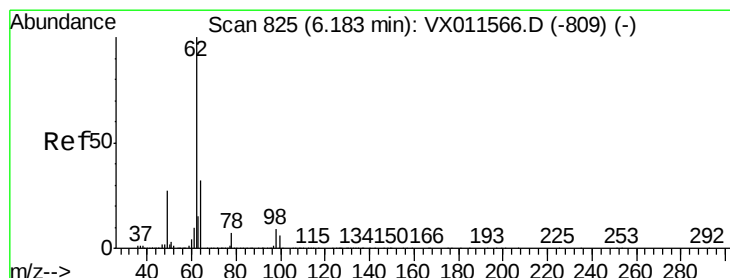
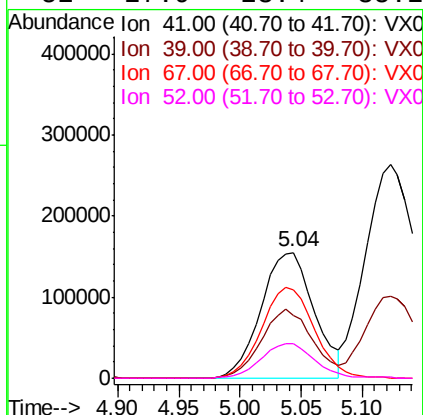
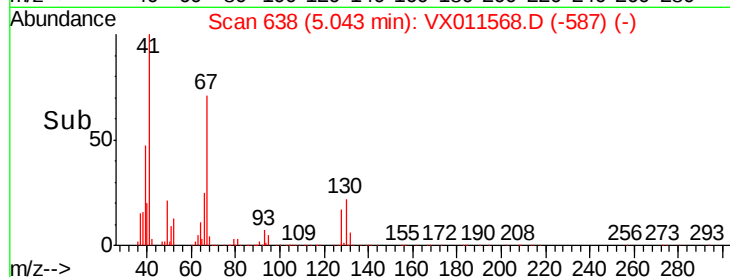
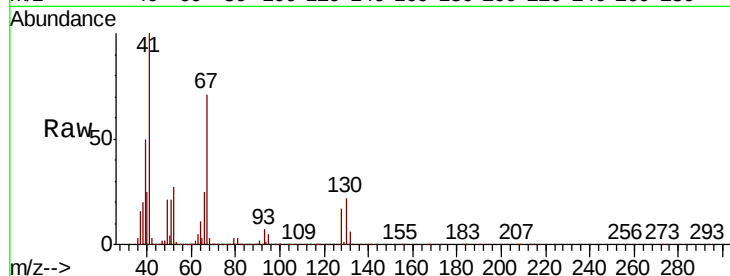




#41
Methacrylonitrile
Concen: 173.652 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

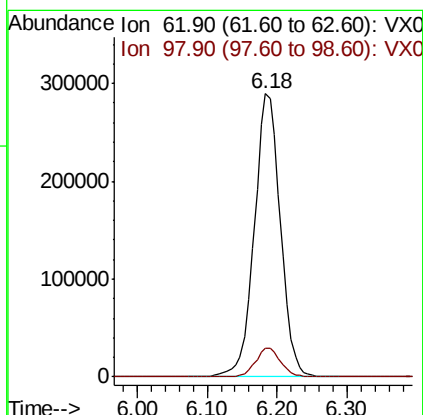
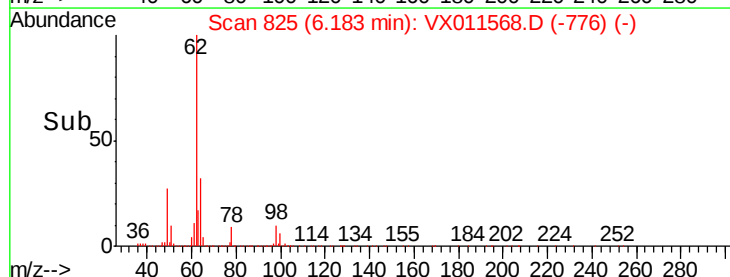
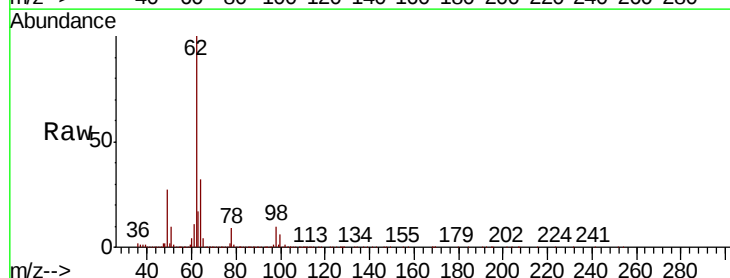
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

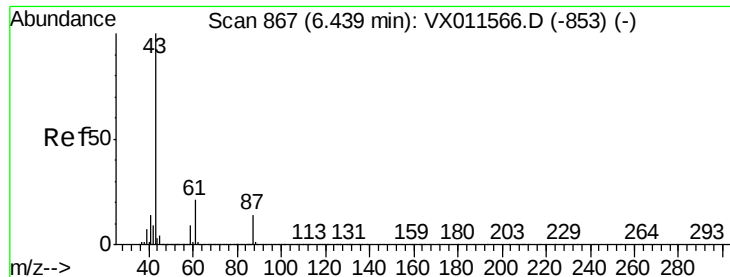
Tgt Ion:	41	Resp:	467551
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.5	65.3
67	72.5	59.4	89.2
52	27.9	23.4	35.2



#42
1,2-Dichloroethane
Concen: 154.199 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion:	62	Resp:	745246
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 171.113 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

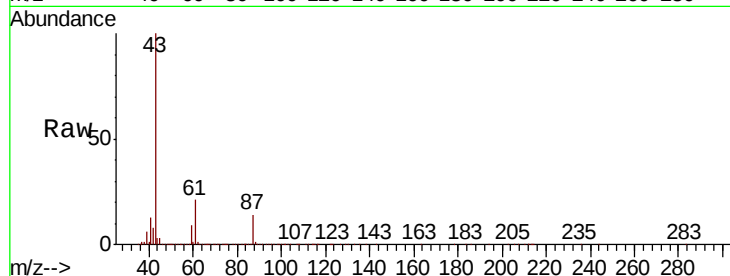
Tgt Ion: 43 Resp: 1310967

Ion Ratio Lower Upper

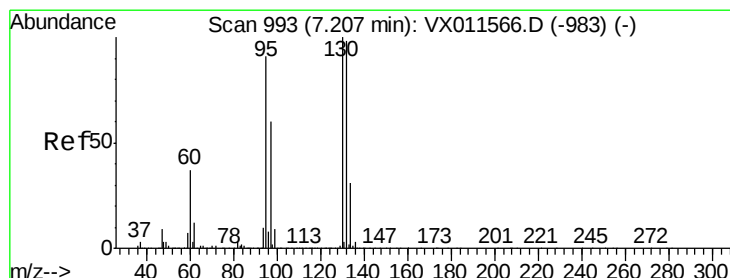
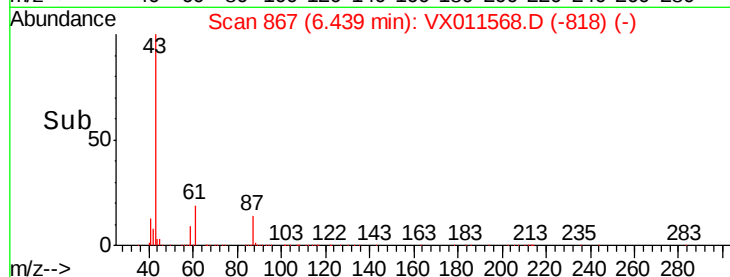
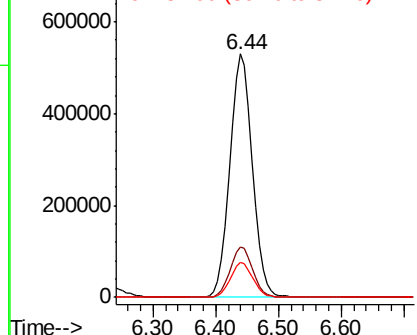
43 100

61 20.8 16.6 24.8

87 14.3 11.4 17.2



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: 159.475 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011568.D

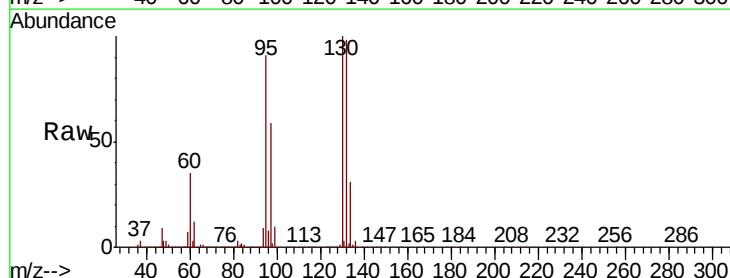
Acq: 15 Aug 2019 19:37

Tgt Ion: 130 Resp: 651792

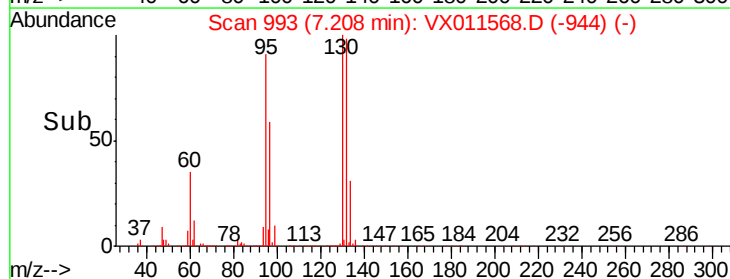
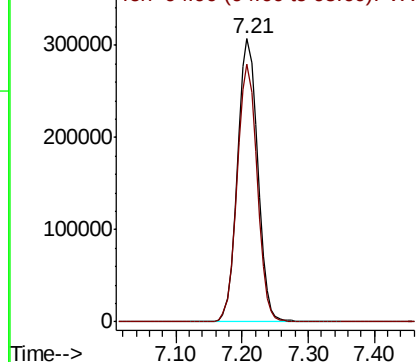
Ion Ratio Lower Upper

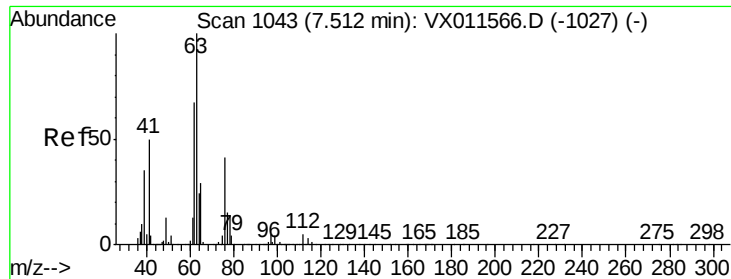
130 100

95 91.0 0.0 181.4



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

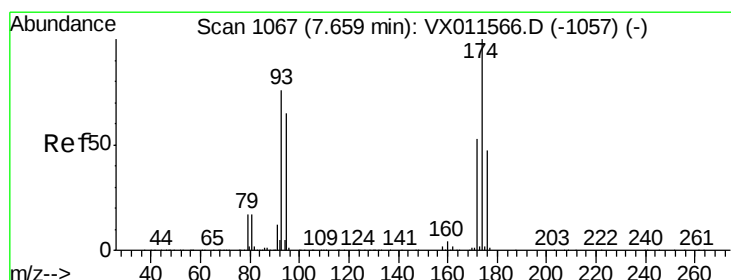
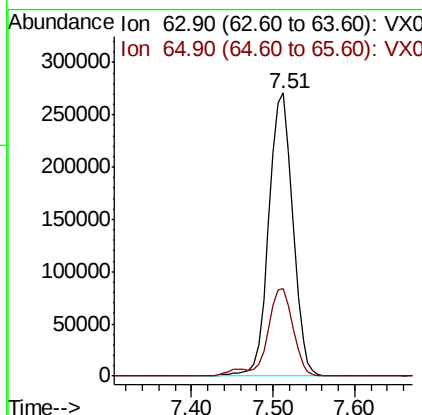
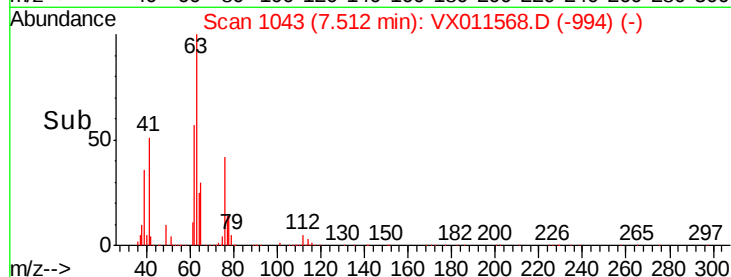
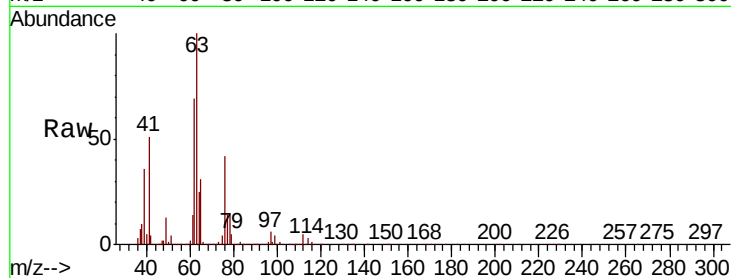




#45
 1,2-Dichloropropane
 Concen: 156.360 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

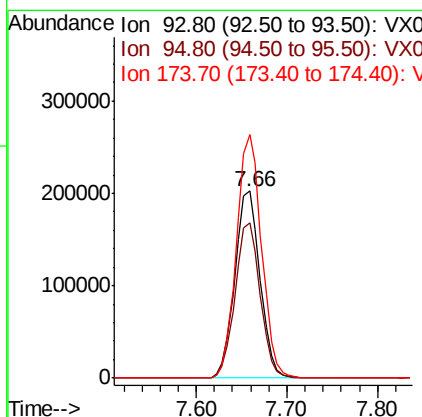
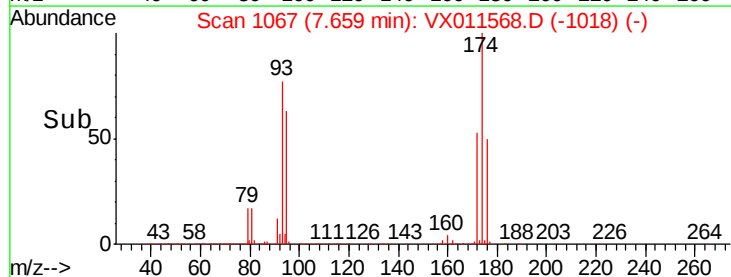
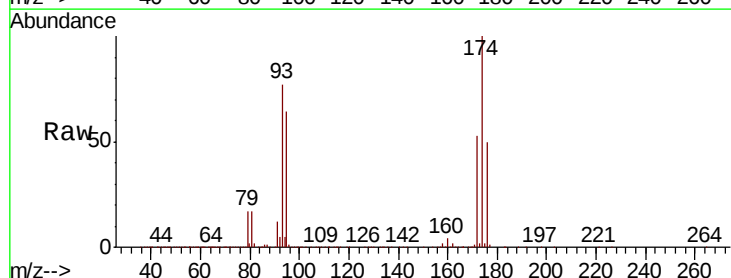
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

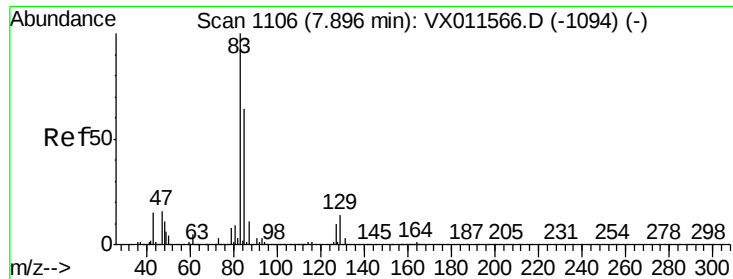
Tgt Ion: 63 Resp: 550752
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.4 35.2



#46
 Dibromomethane
 Concen: 156.354 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion: 93 Resp: 389962
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 129.7 105.5 158.3





#47

Bromodichloromethane

Concen: 169.590 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

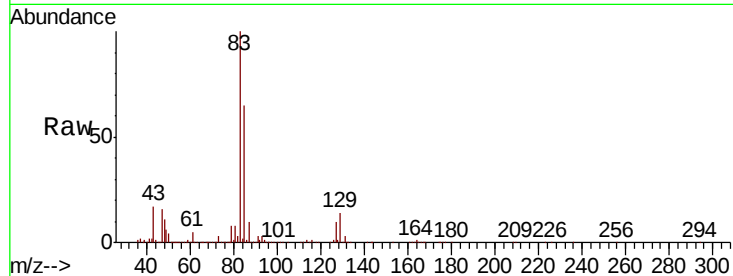
Tgt Ion: 83 Resp: 761202

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

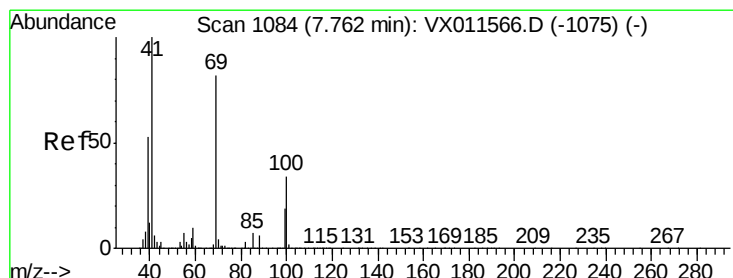
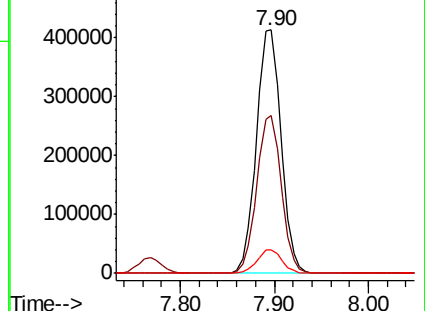
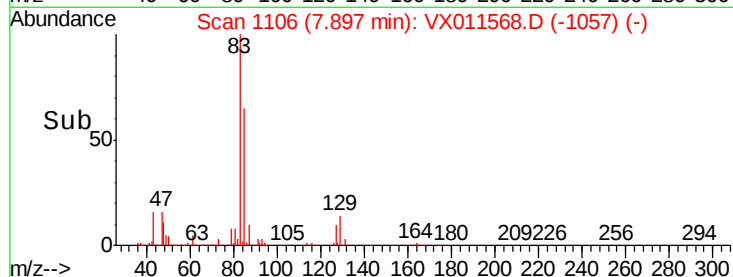
127 9.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 175.777 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

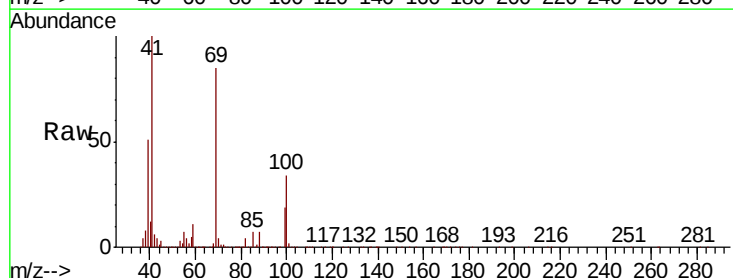
Tgt Ion: 41 Resp: 662919

Ion Ratio Lower Upper

41 100

69 84.9 67.9 101.9

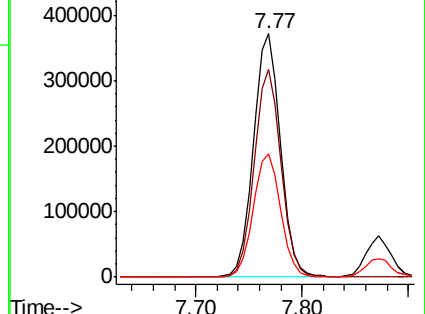
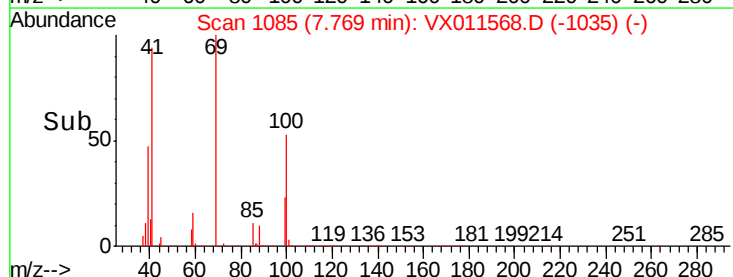
39 51.3 41.6 62.4

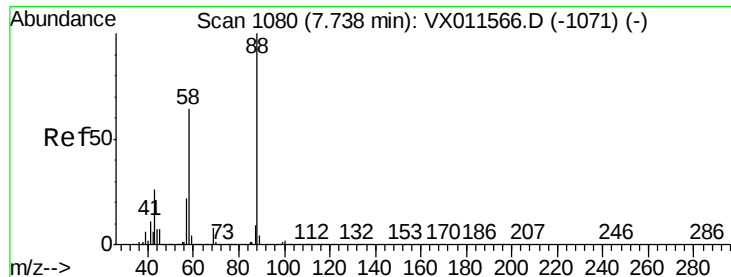


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

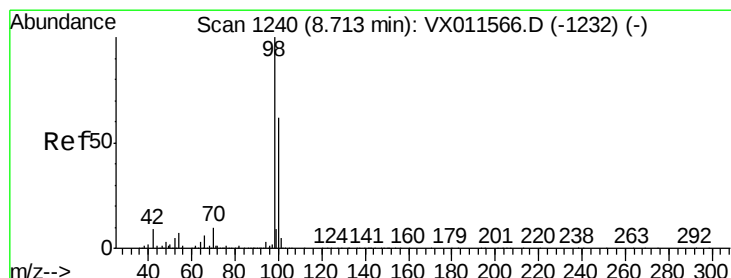
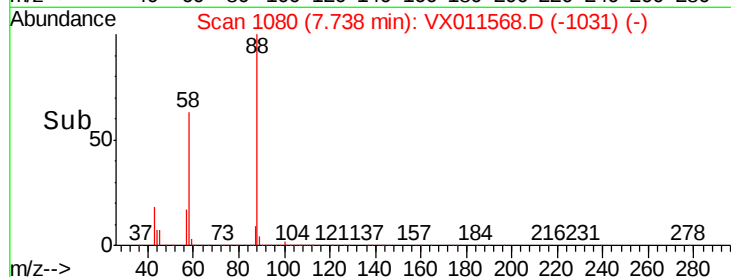
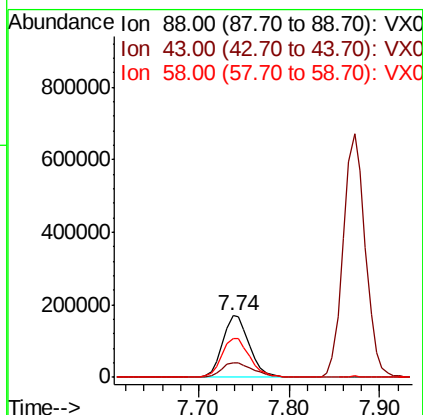
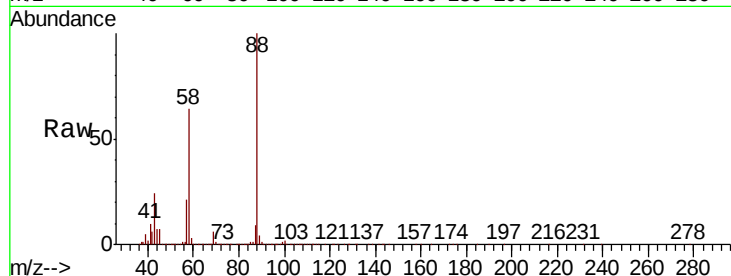




#49
1,4-Dioxane
Concen: 3359.901 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

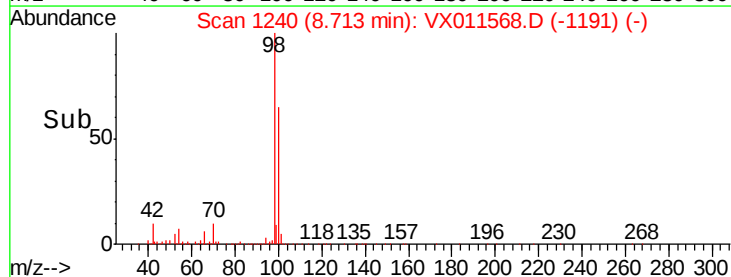
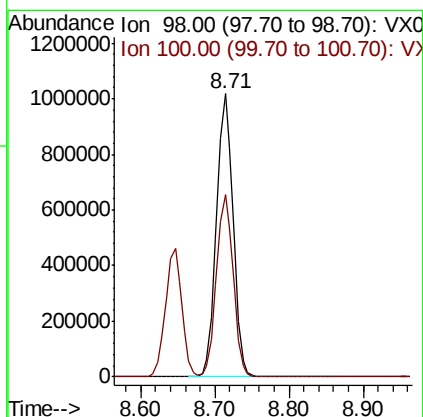
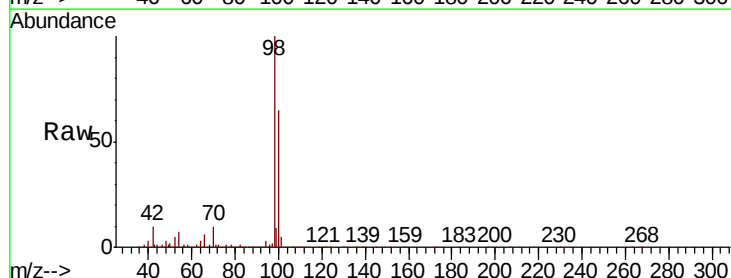
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

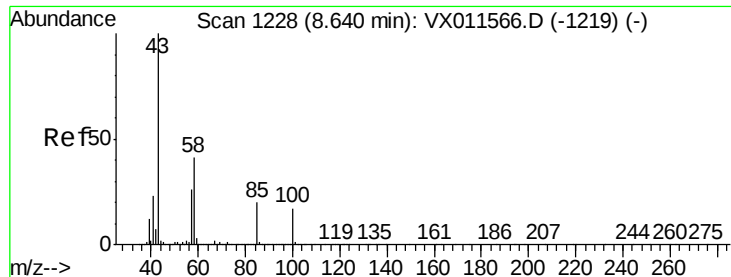
Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.4	35.0
58	66.7	54.3	81.5



#50
Toluene-d8
Concen: 125.647 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

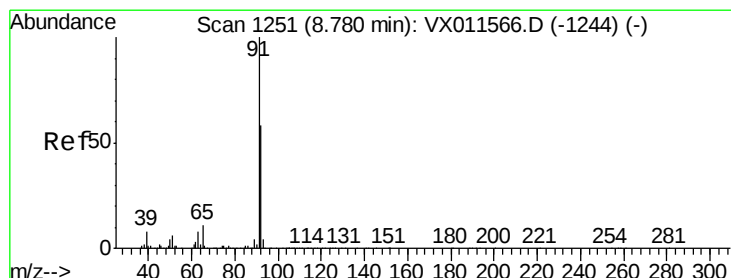
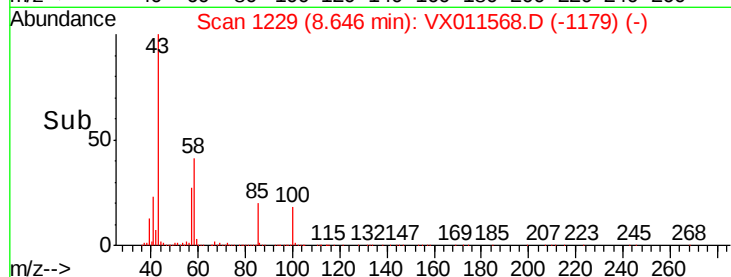
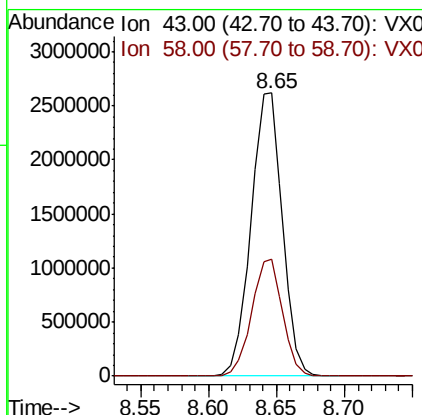
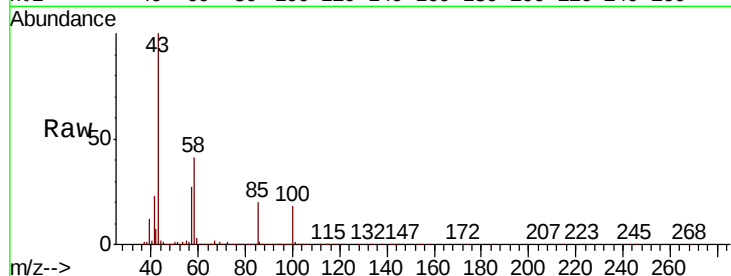




#51
 4-Methyl-2-Pentanone
 Concen: 850.778 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

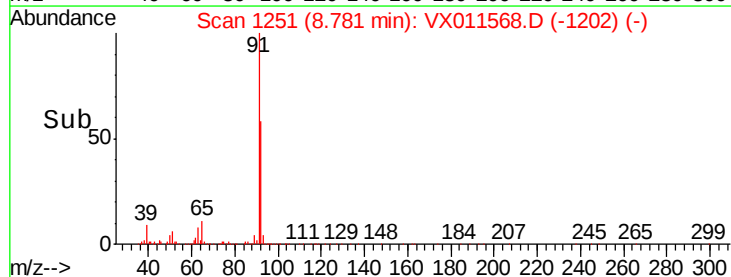
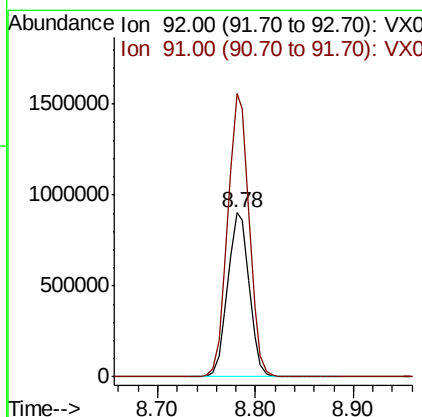
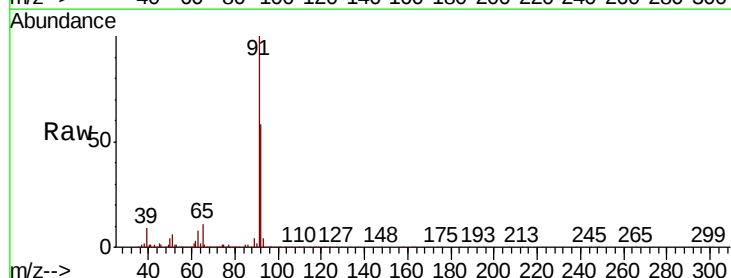
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

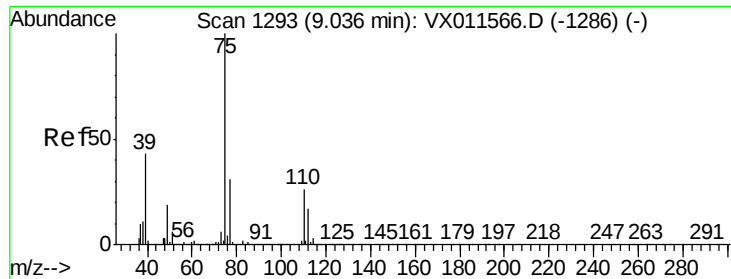
Tgt Ion: 43 Resp: 4242667
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.8 47.6



#52
 Toluene
 Concen: 152.751 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion: 92 Resp: 1378034
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.0 207.0

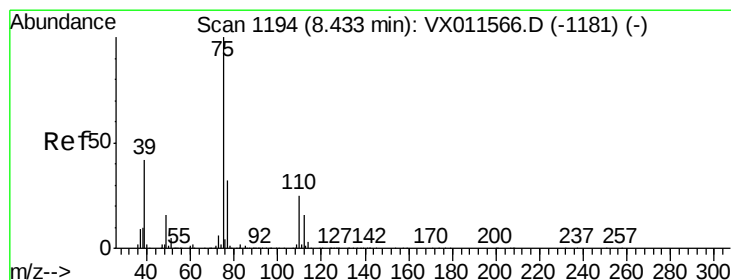
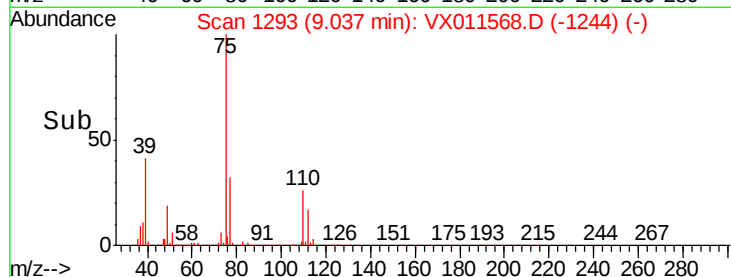
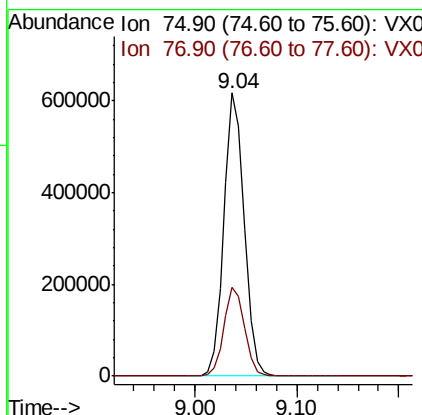
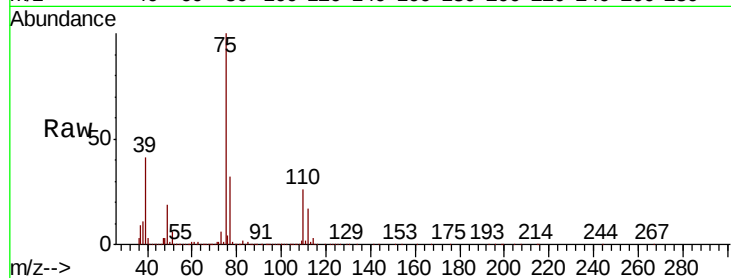




#53
 t-1,3-Dichloropropene
 Concen: 177.401 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

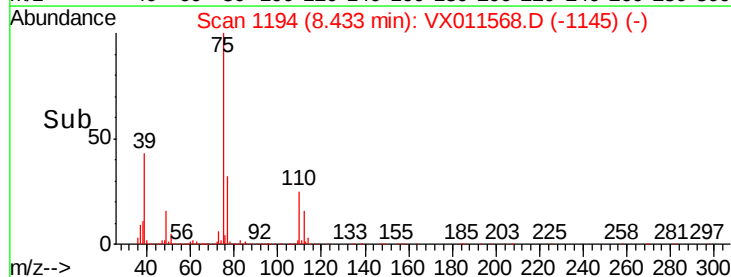
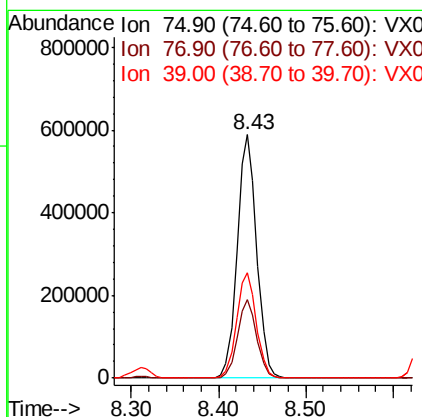
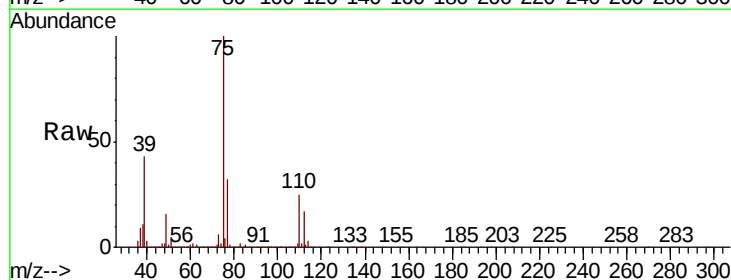
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

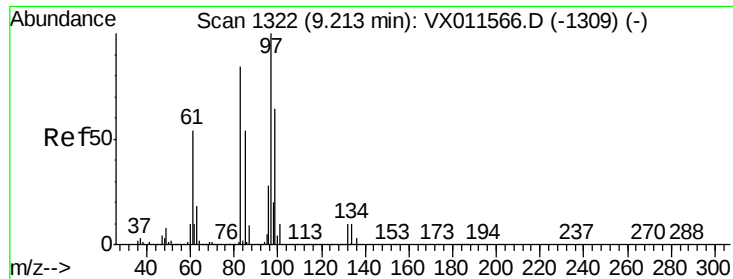
Tgt Ion: 75 Resp: 853369
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 170.671 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion: 75 Resp: 910924
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 43.1 33.6 50.4

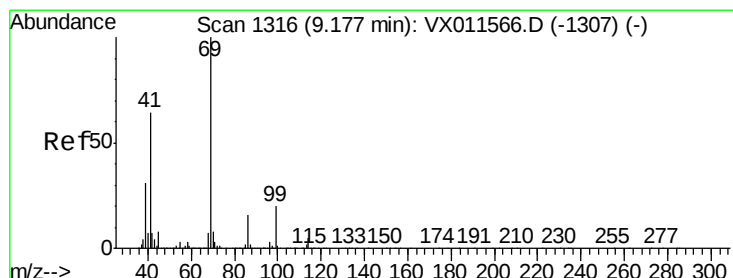
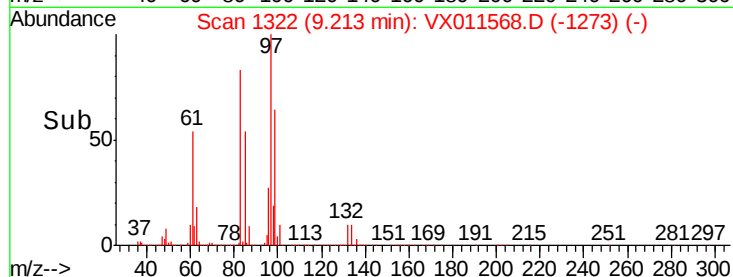
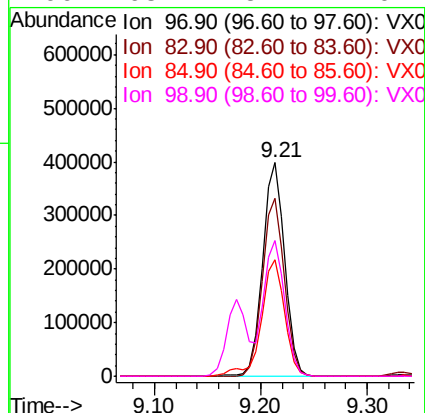
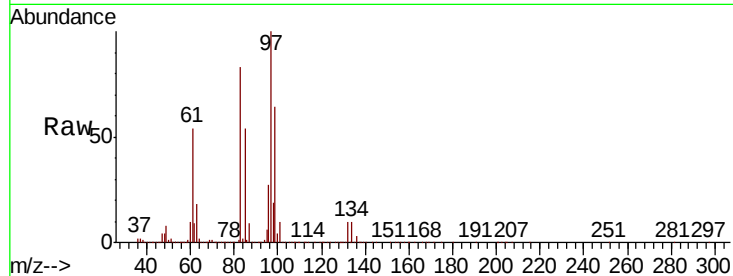




#55
 1,1,2-Trichloroethane
 Concen: 155.086 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

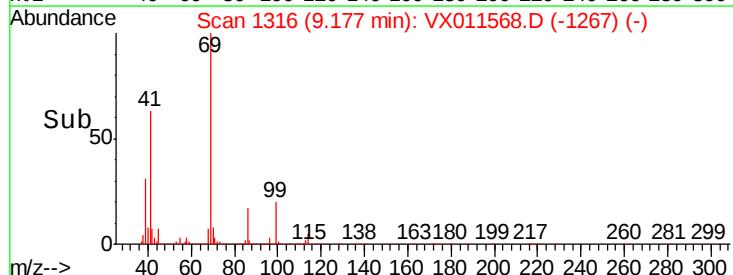
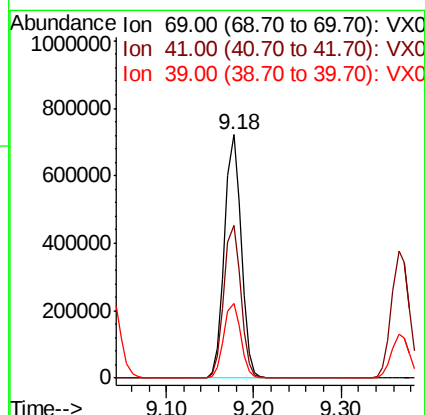
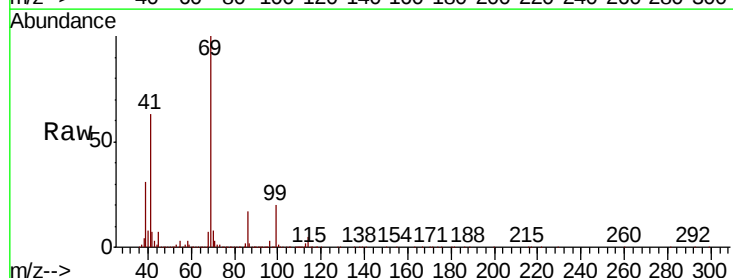
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

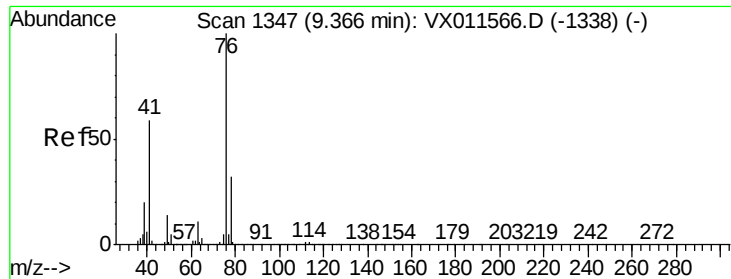
Tgt Ion:	97	Resp:	578362
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.4	101.0
85	54.3	43.4	65.2
99	63.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 173.679 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion:	69	Resp:	949181
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.1	78.1
39	31.2	25.4	38.0





#57

1,3-Dichloropropane

Concen: 155.733 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

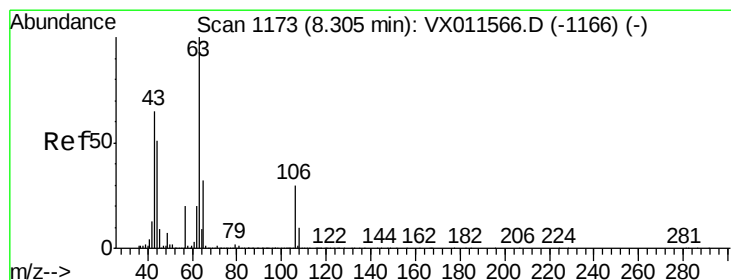
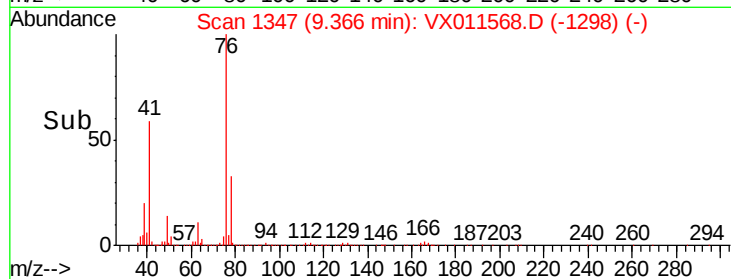
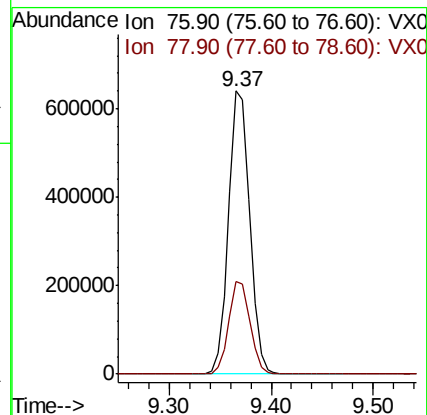
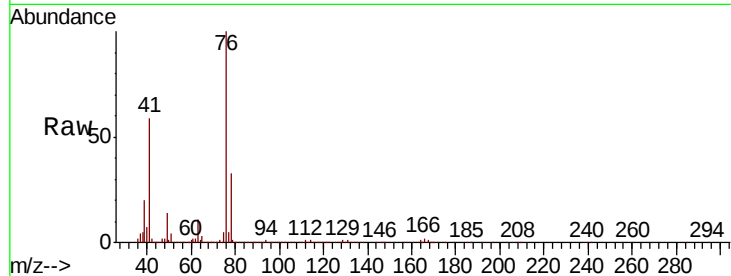
VSTDIC150

Tgt Ion: 76 Resp: 923651

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 840.054 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011568.D

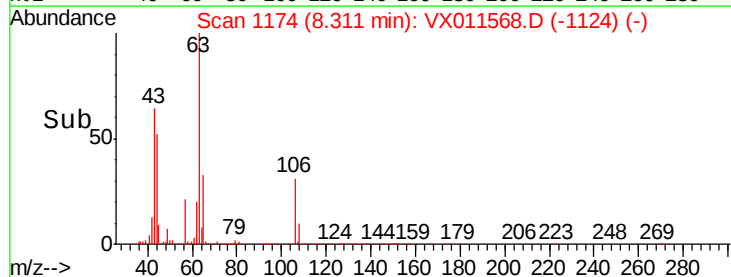
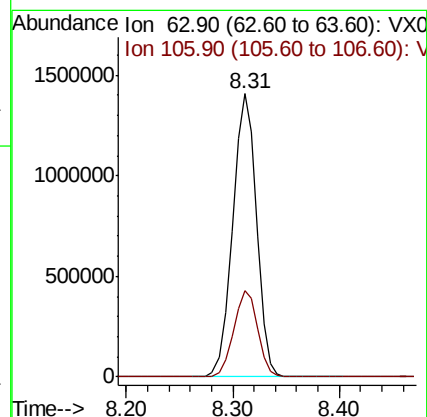
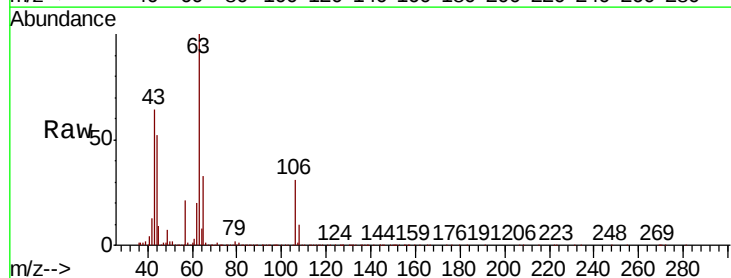
Acq: 15 Aug 2019 19:37

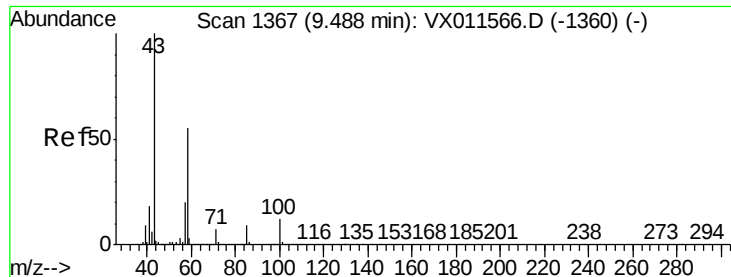
Tgt Ion: 63 Resp: 2206740

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1

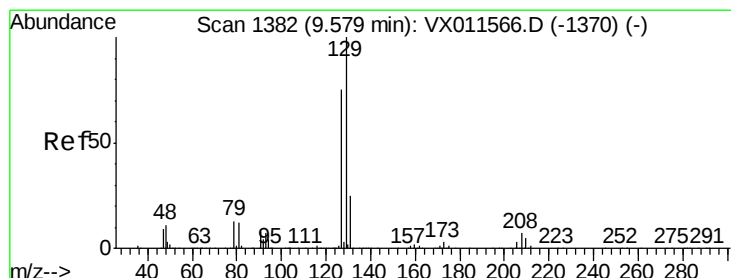
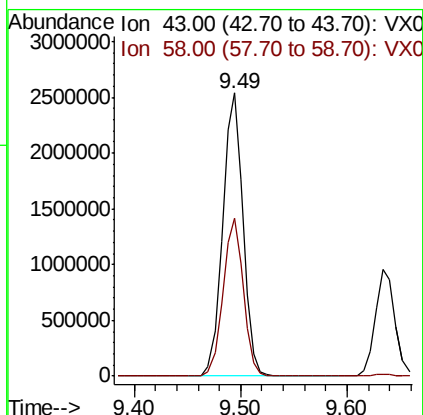
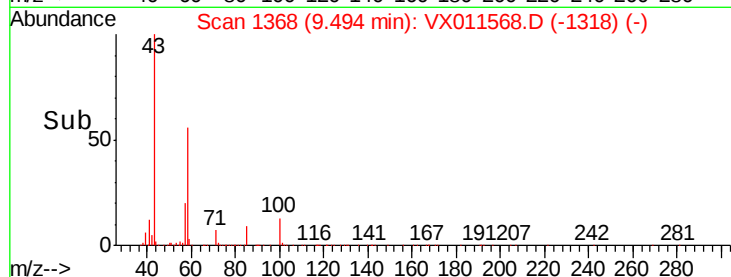
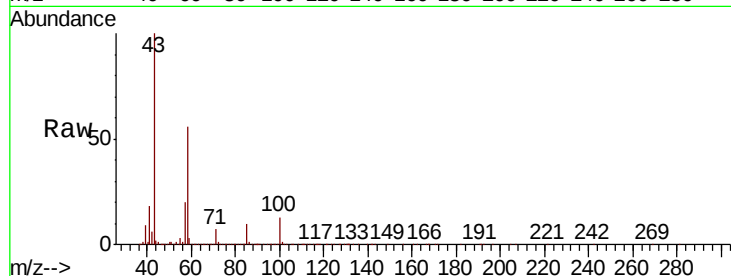




#59
2-Hexanone
Concen: 876.054 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

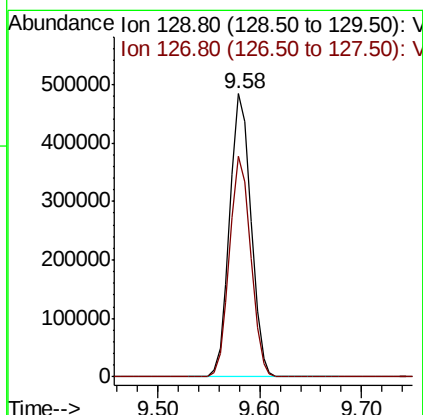
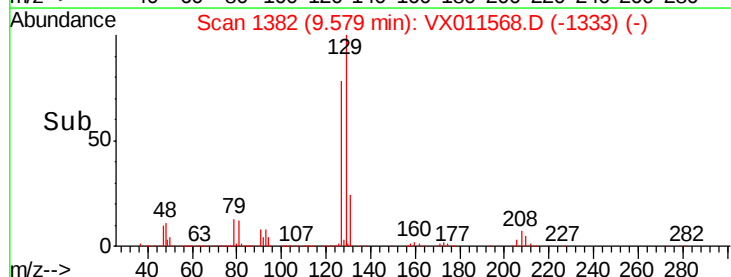
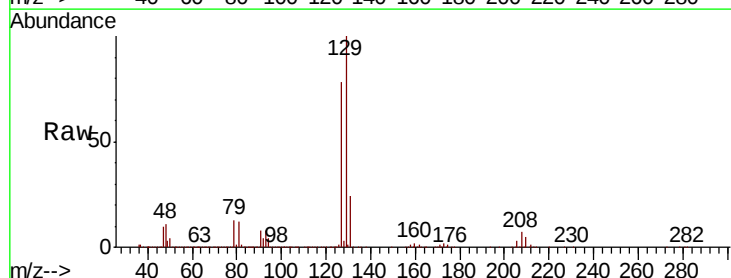
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

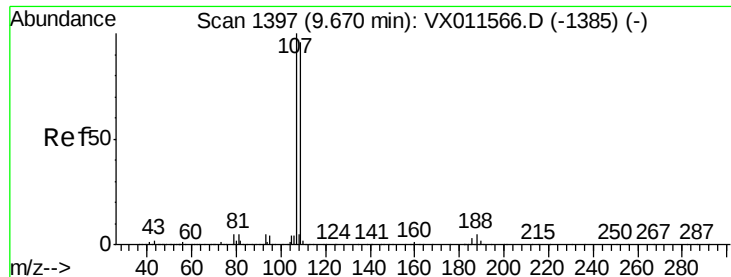
Tgt Ion: 43 Resp: 3377625
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.4



#60
Dibromochloromethane
Concen: 182.916 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion: 129 Resp: 697796
Ion Ratio Lower Upper
129 100
127 77.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 161.013 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

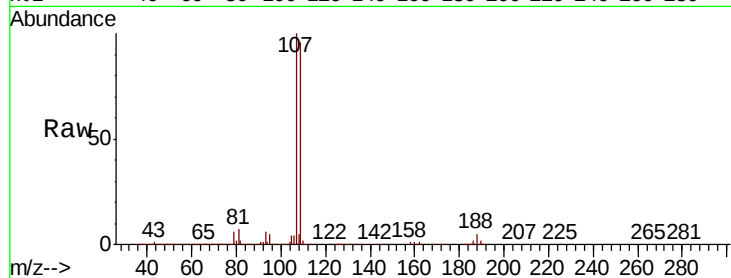
VSTDIC150

Tgt Ion: 107 Resp: 637952

Ion Ratio Lower Upper

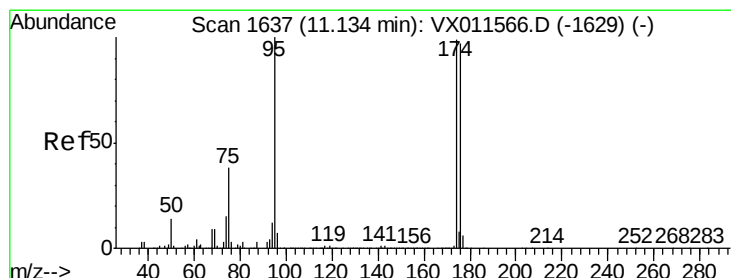
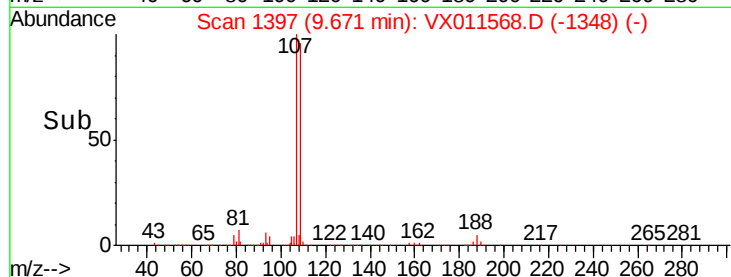
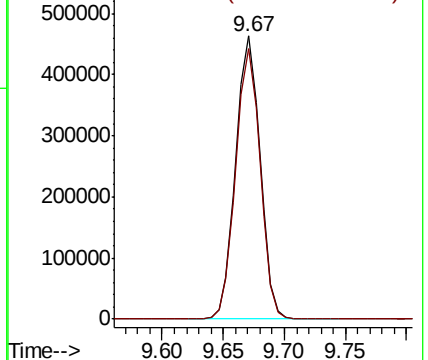
107 100

109 95.8 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 146.747 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

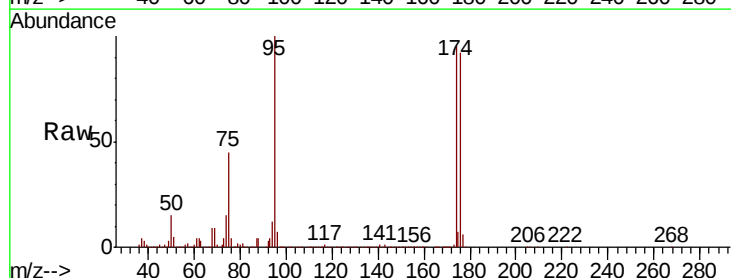
Tgt Ion: 95 Resp: 680605

Ion Ratio Lower Upper

95 100

174 99.8 0.0 200.6

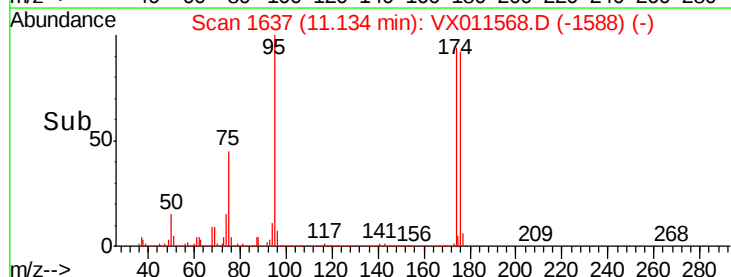
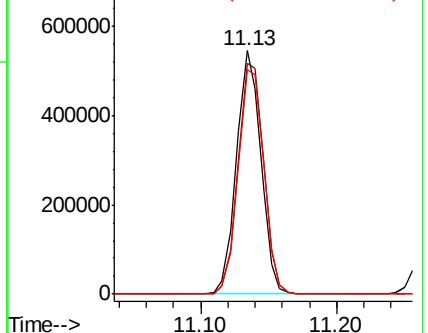
176 97.3 0.0 196.6

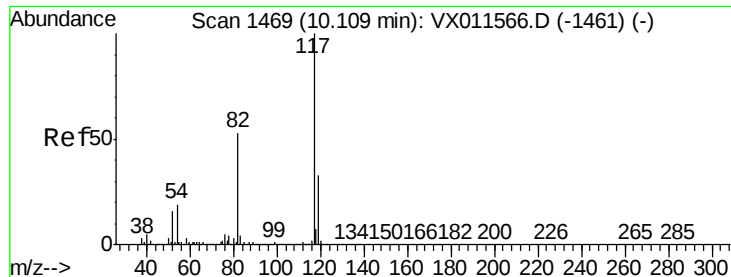


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

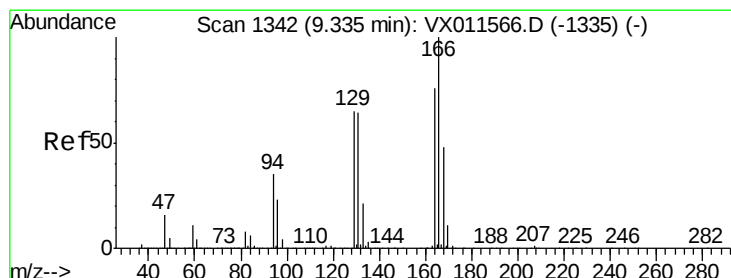
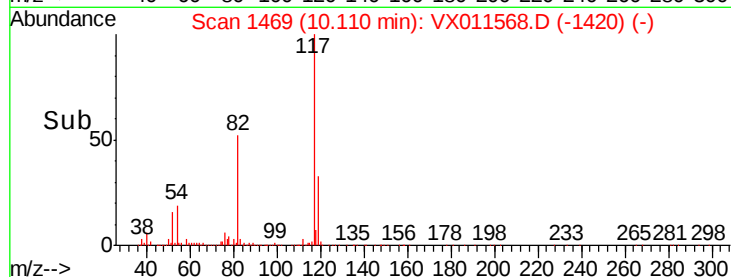
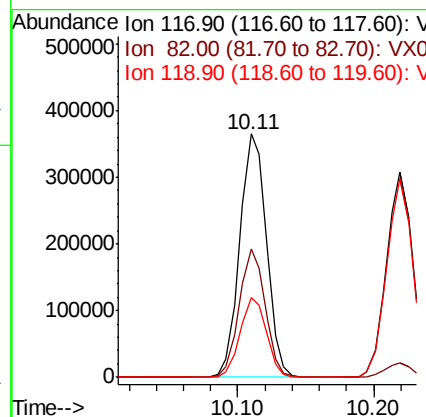
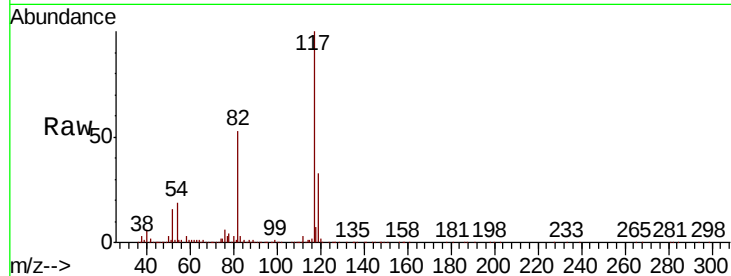




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

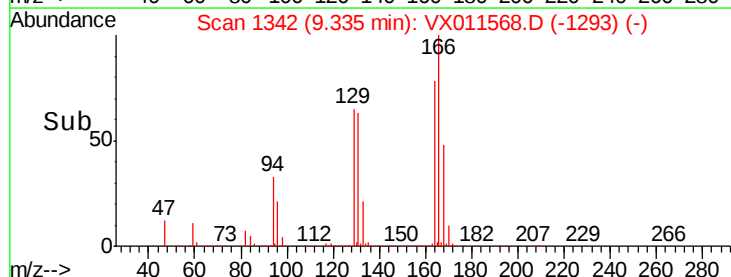
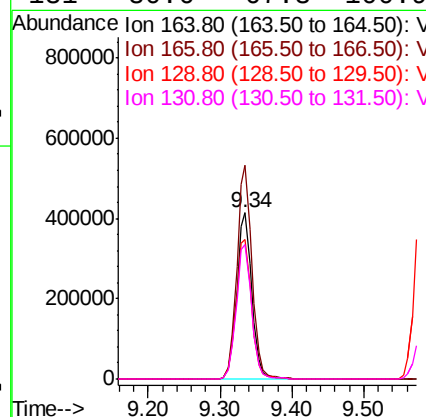
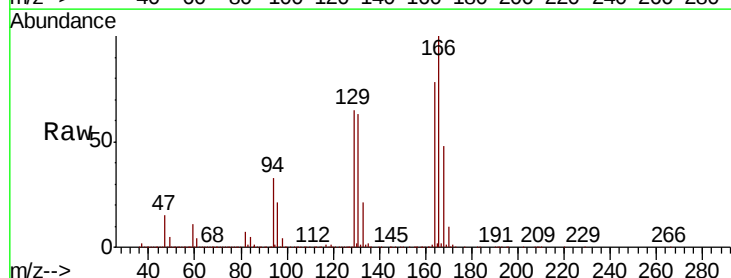
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

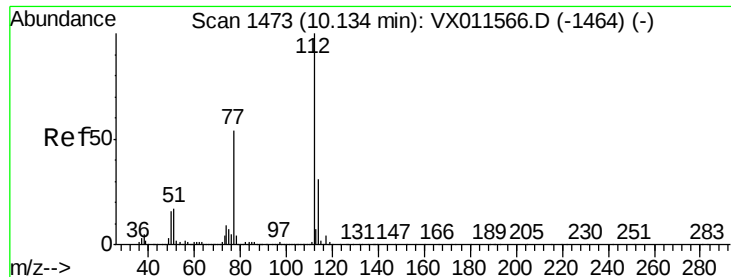
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	32.9	26.5	39.7



#64
Tetrachloroethene
Concen: 152.711 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	104.7	157.1
129	83.7	68.2	102.4
131	80.6	67.3	100.9





#65

Chlorobenzene

Concen: 151.923 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

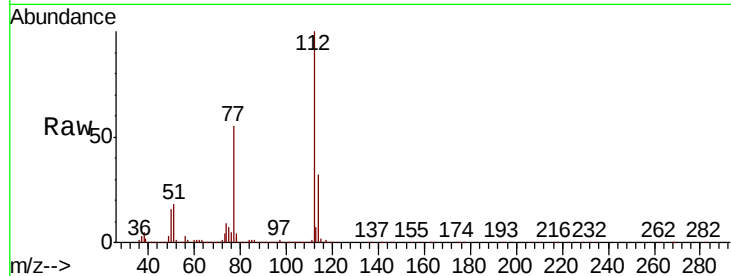
VSTDIC150

Tgt Ion:112 Resp: 1578500

Ion Ratio Lower Upper

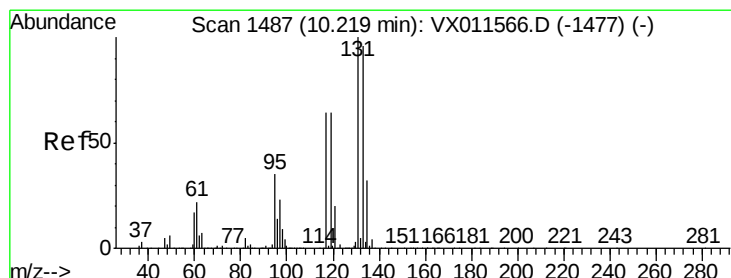
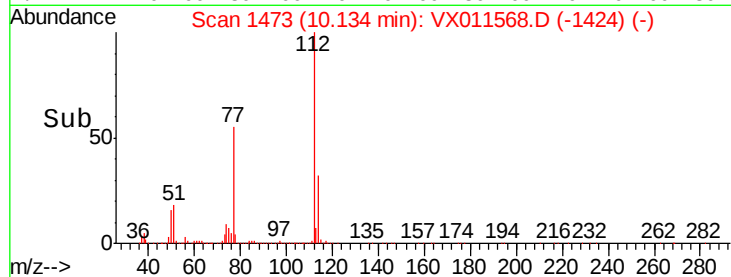
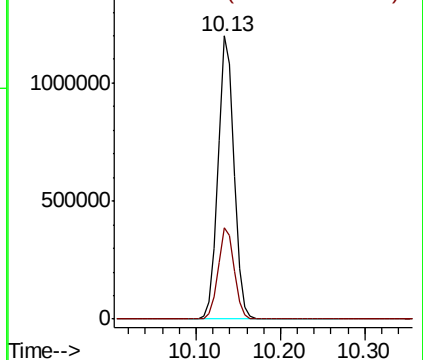
112 100

114 32.2 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 173.464 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

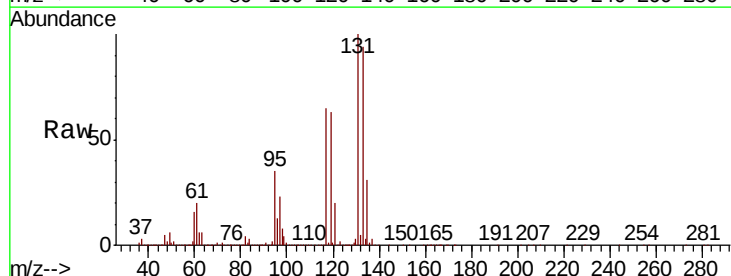
Tgt Ion:131 Resp: 636832

Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.4

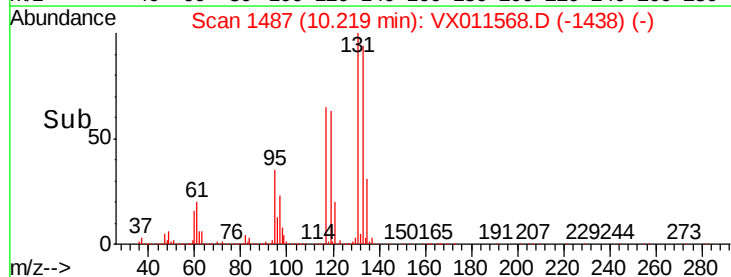
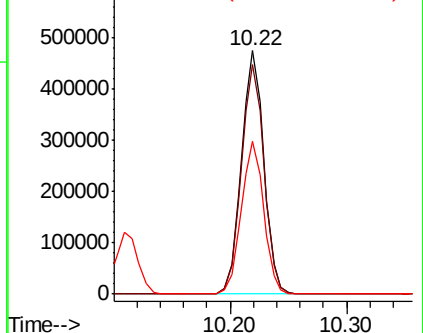
119 62.8 31.3 93.8

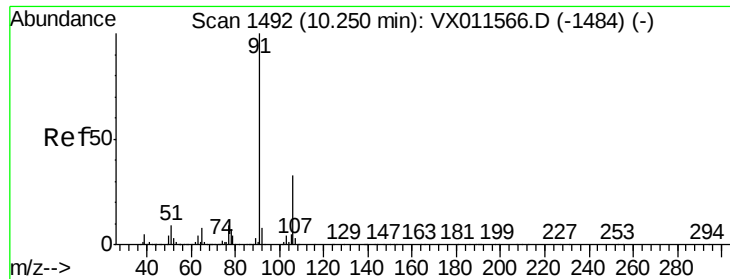


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

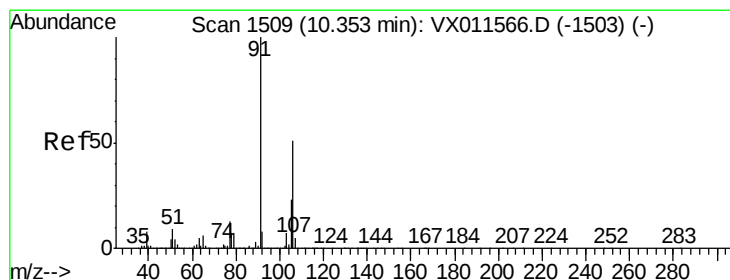
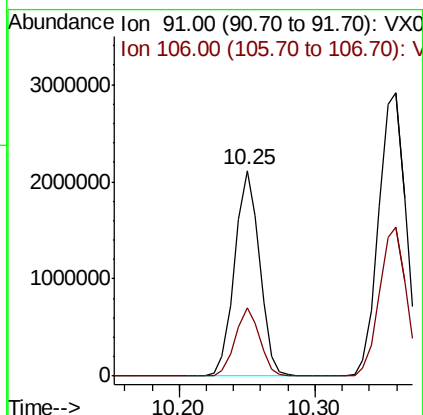
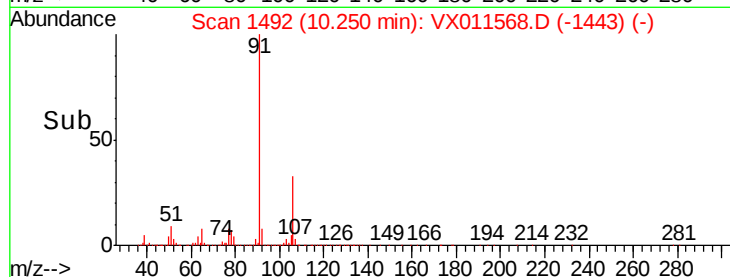
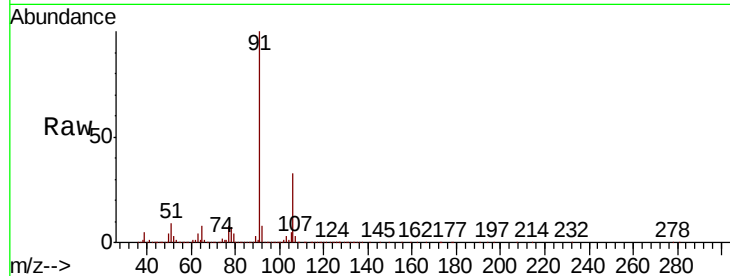




#67
Ethyl Benzene
Concen: 153.463 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

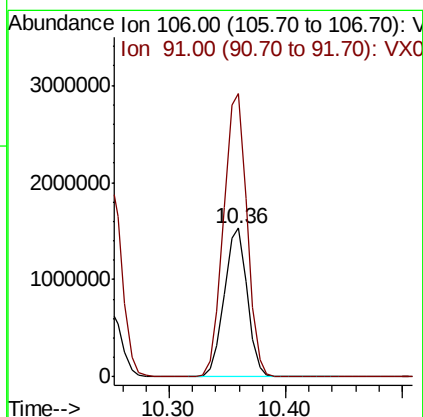
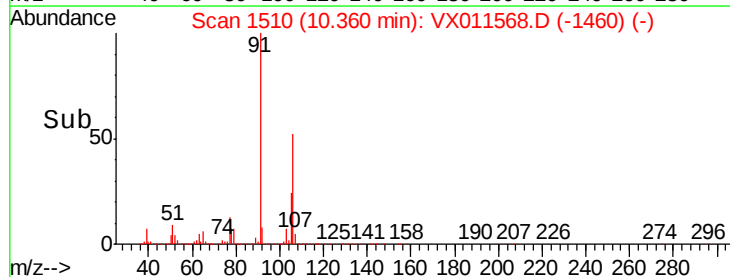
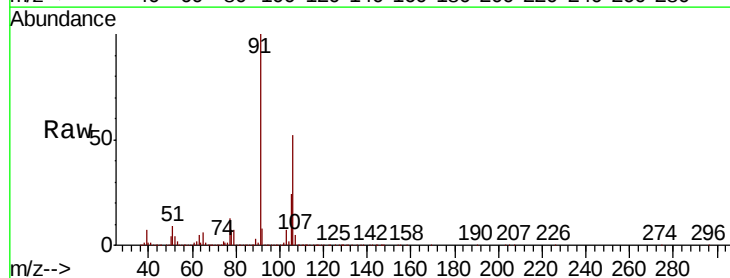
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

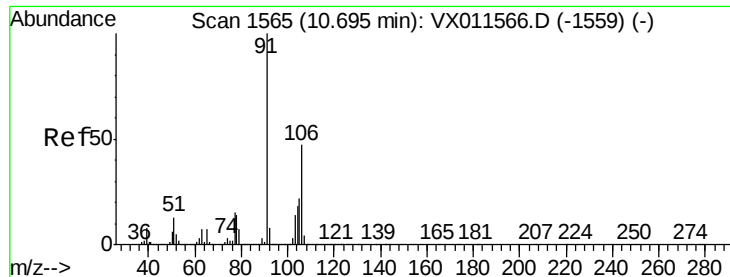
Tgt Ion: 91 Resp: 2692501
Ion Ratio Lower Upper
91 100
106 33.0 26.0 39.0



#68
m/p-Xylenes
Concen: 309.027 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion: 106 Resp: 2087193
Ion Ratio Lower Upper
106 100
91 194.6 156.0 234.0

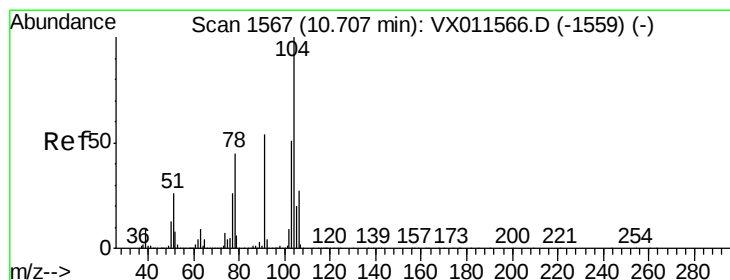
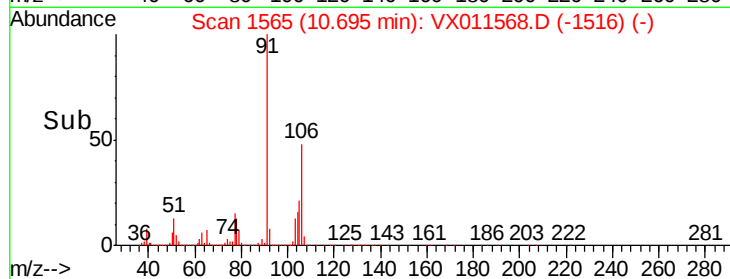
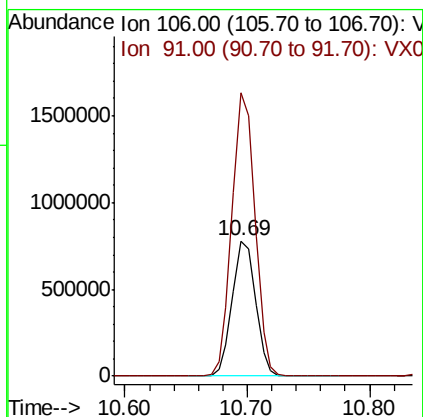
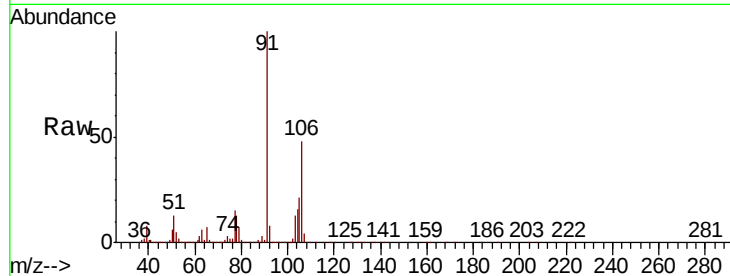




#69
o-Xylene
Concen: 156.486 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

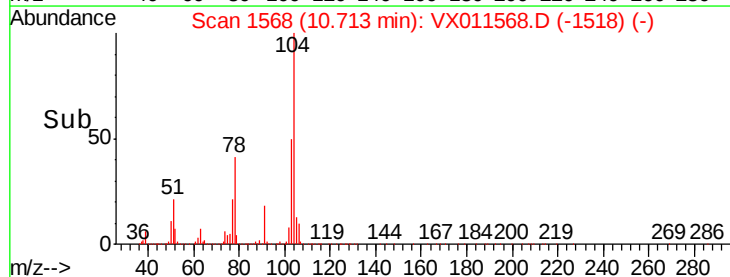
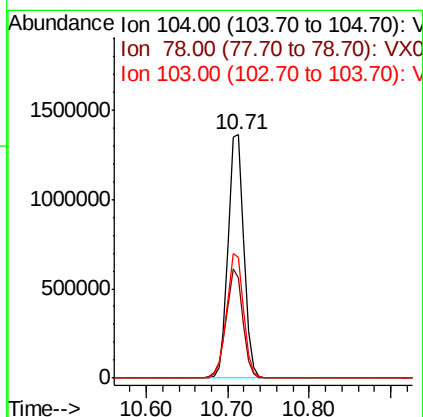
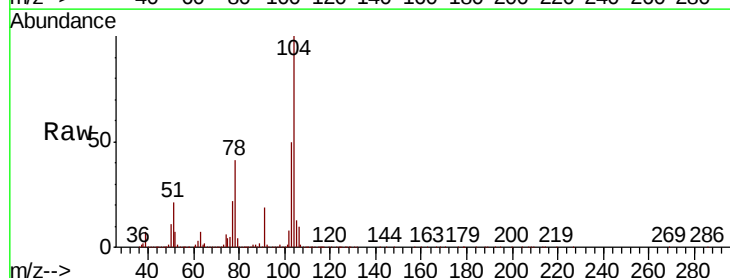
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

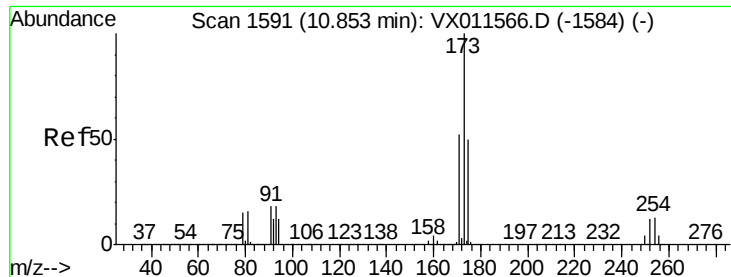
Tgt Ion:106 Resp: 1028054
Ion Ratio Lower Upper
106 100
91 207.1 105.5 316.4



#70
Styrene
Concen: 163.951 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion:104 Resp: 1800245
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 210.077 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

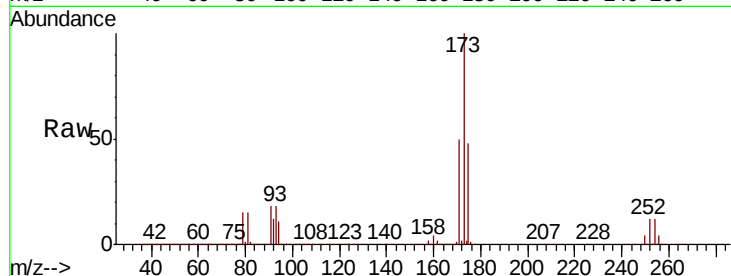
Tgt Ion:173 Resp: 622254

Ion Ratio Lower Upper

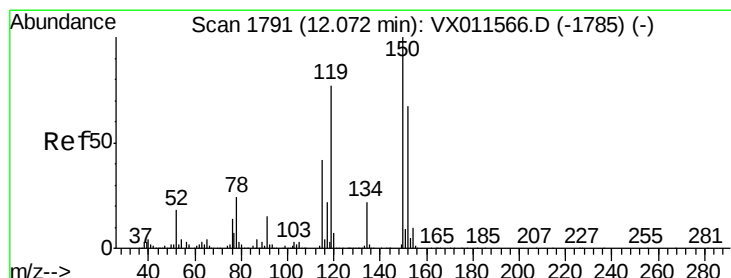
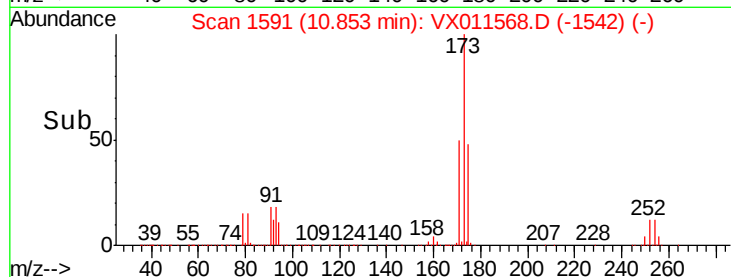
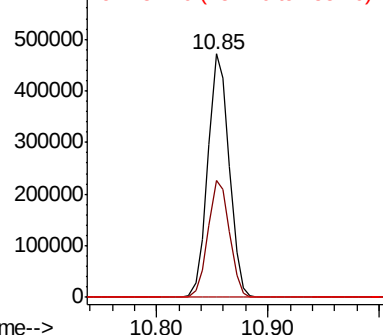
173 100

175 48.8 24.9 74.7

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

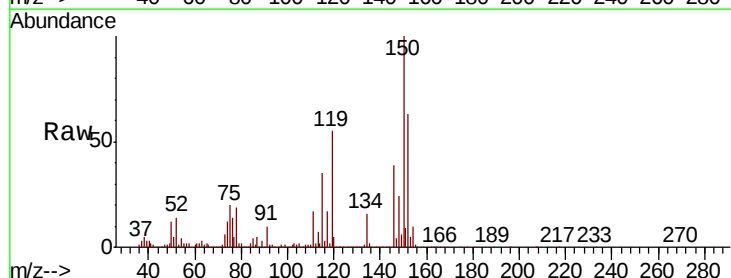
Tgt Ion:152 Resp: 291007

Ion Ratio Lower Upper

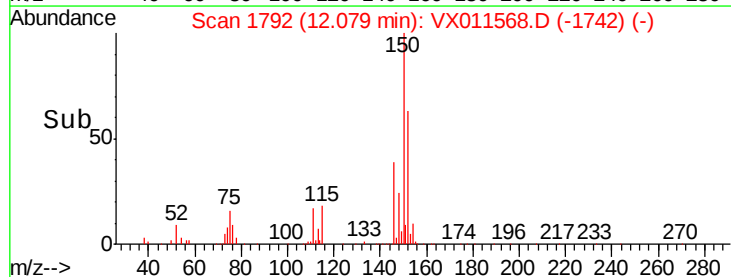
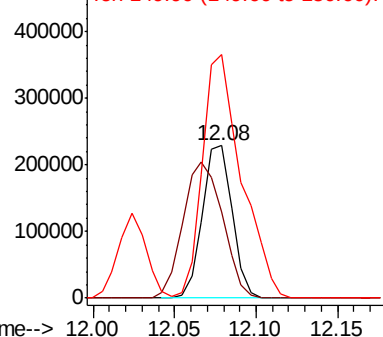
152 100

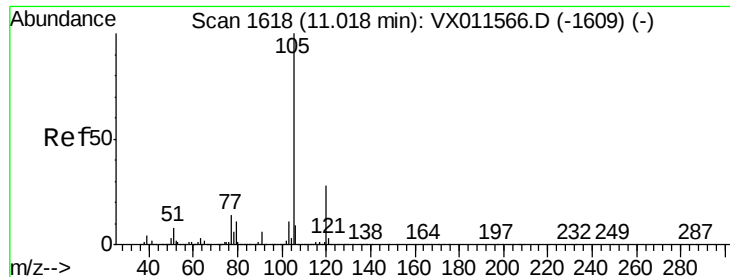
115 118.7 37.3 111.9#

150 208.2 0.0 346.2



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: 139.617 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

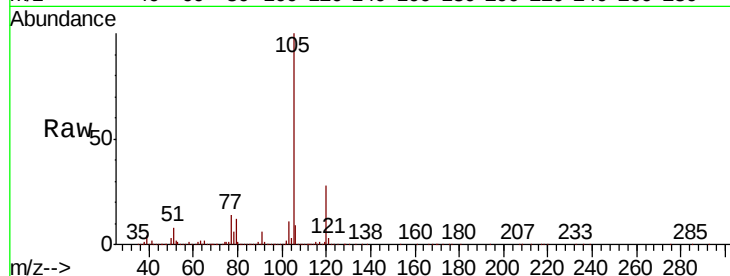
VSTDIC150

Tgt Ion:105 Resp: 2748213

Ion Ratio Lower Upper

105 100

120 27.8 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

500000

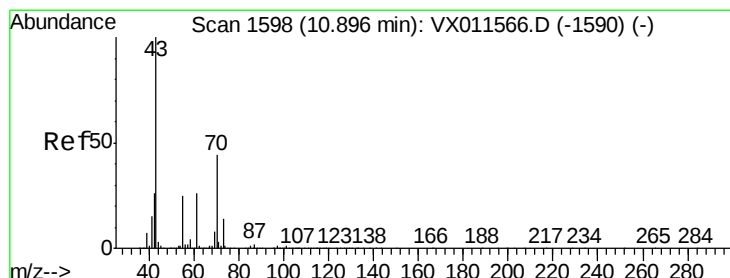
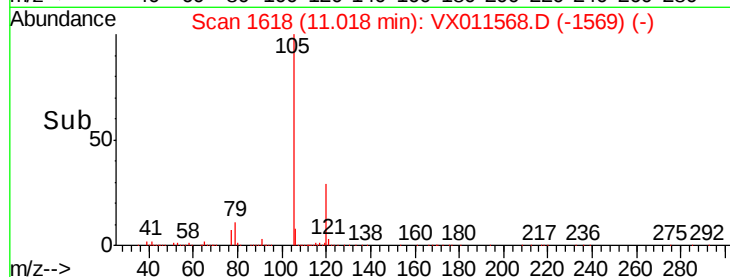
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 164.136 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Tgt Ion: 43 Resp: 1245396

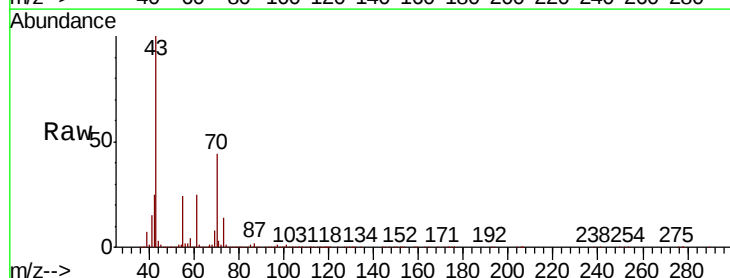
Ion Ratio Lower Upper

43 100

70 43.5 34.7 52.1

55 24.1 19.6 29.4

61 24.9 19.9 29.9



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

1500000

1000000

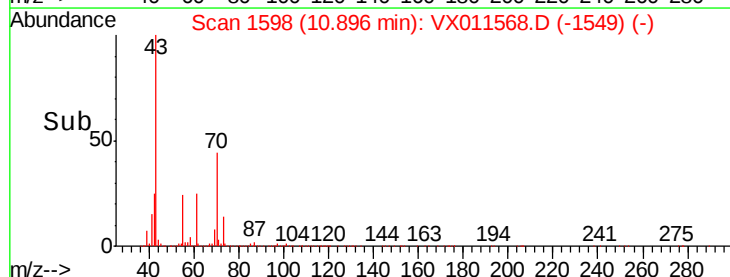
500000

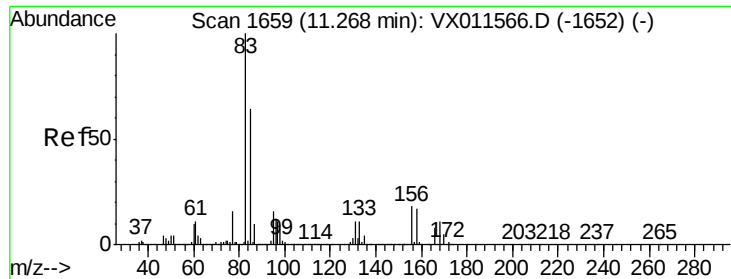
0

Time-->

10.80

10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 148.816 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

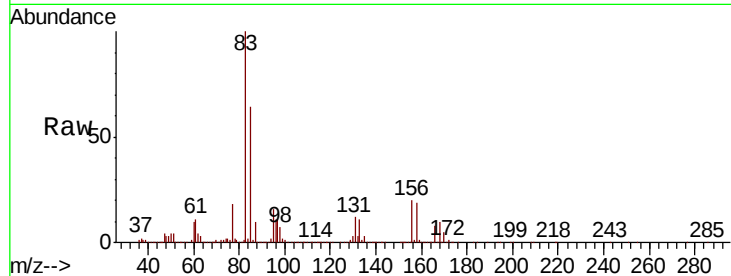
Tgt Ion: 83 Resp: 961905

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.3

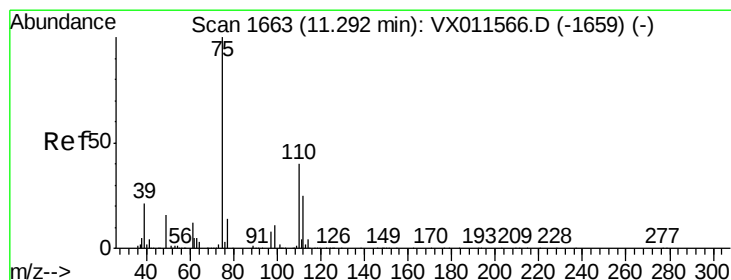
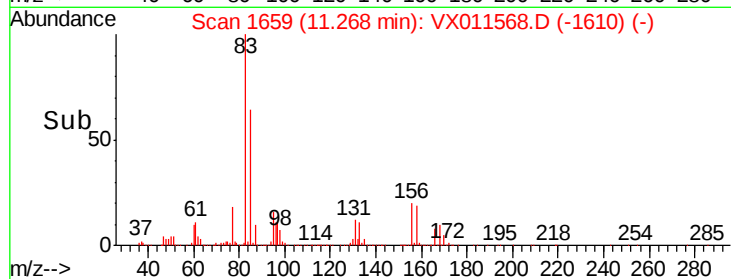
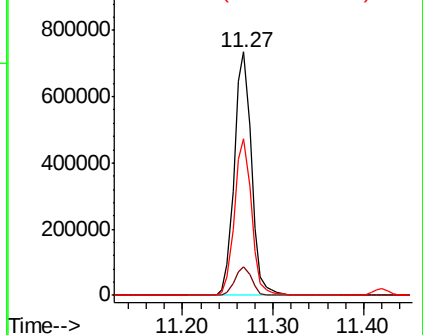
85 64.4 31.9 95.9



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: 210.904 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011568.D

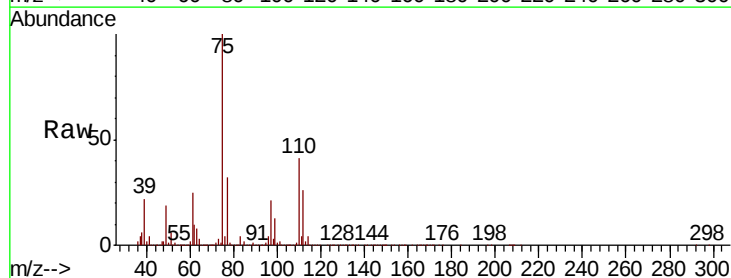
Acq: 15 Aug 2019 19:37

Tgt Ion: 75 Resp: 1122166

Ion Ratio Lower Upper

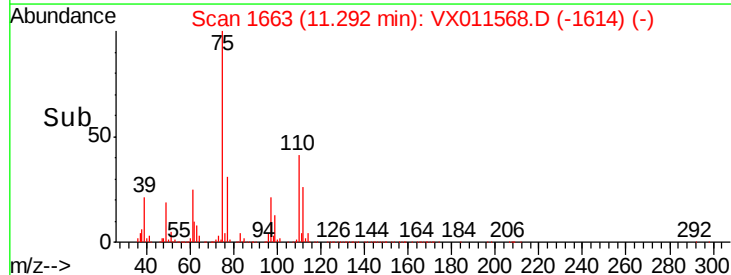
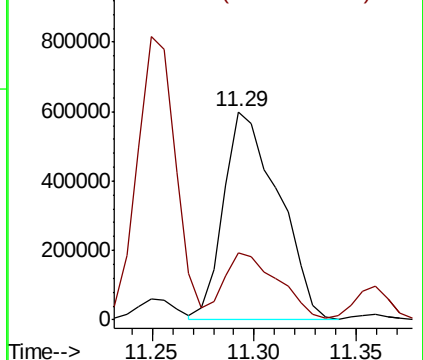
75 100

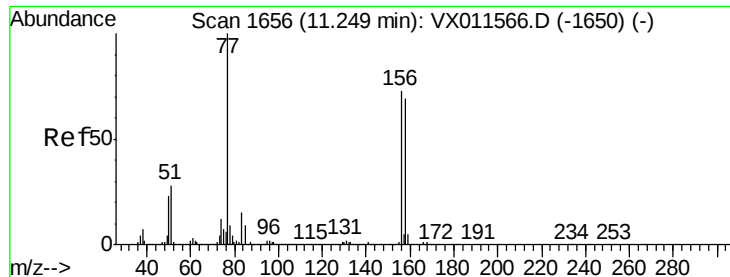
77 32.0 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 148.856 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

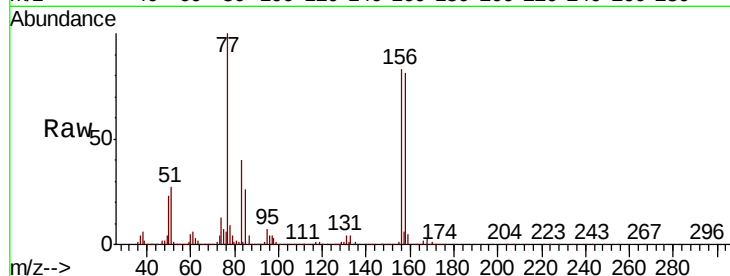
Tgt Ion: 156 Resp: 817951

Ion Ratio Lower Upper

156 100

77 130.3 64.6 193.9

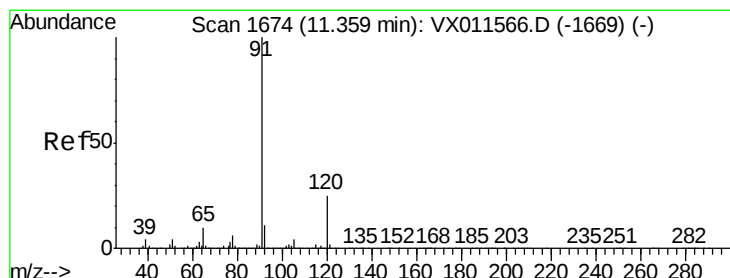
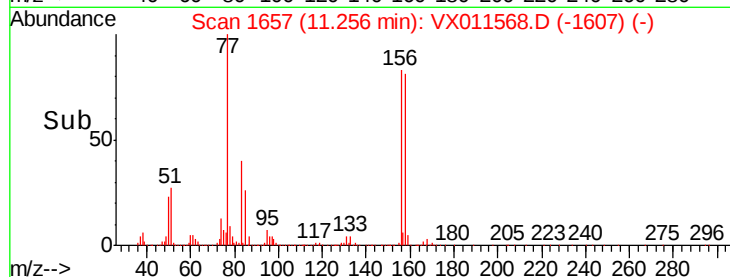
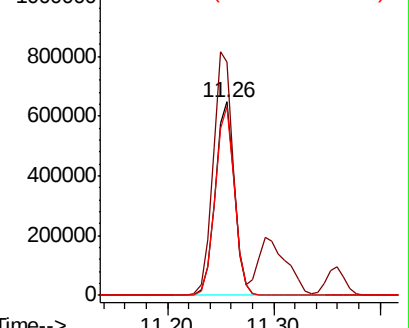
158 98.2 48.4 145.3



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: 141.421 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011568.D

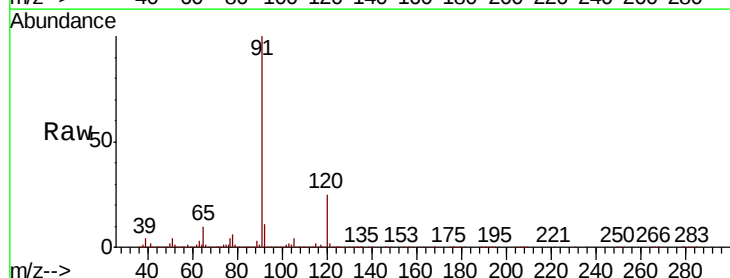
Acq: 15 Aug 2019 19:37

Tgt Ion: 91 Resp: 3063255

Ion Ratio Lower Upper

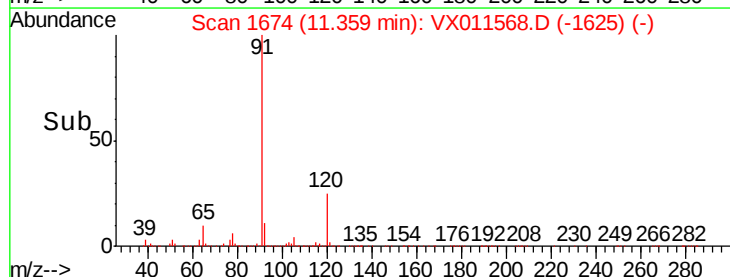
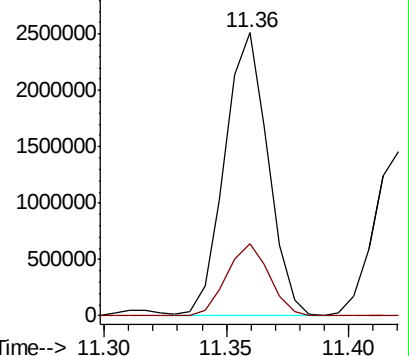
91 100

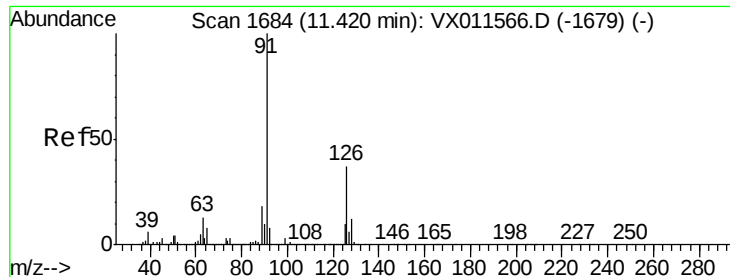
120 25.3 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 140.380 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

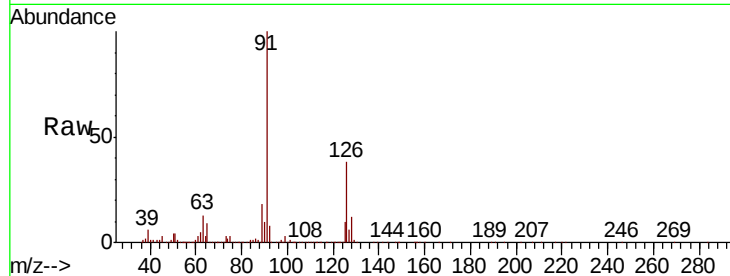
VSTDIC150

Tgt Ion: 91 Resp: 1835313

Ion Ratio Lower Upper

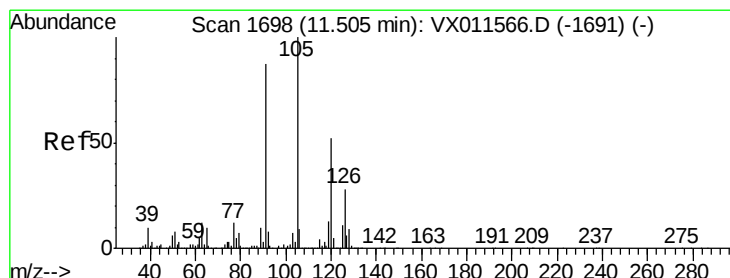
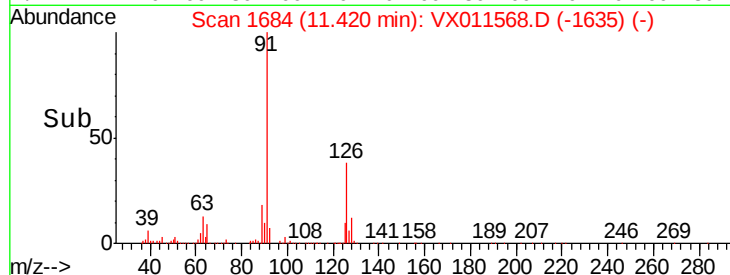
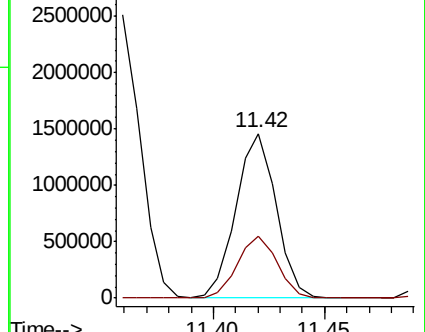
91 100

126 37.5 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011566.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 144.615 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011568.D

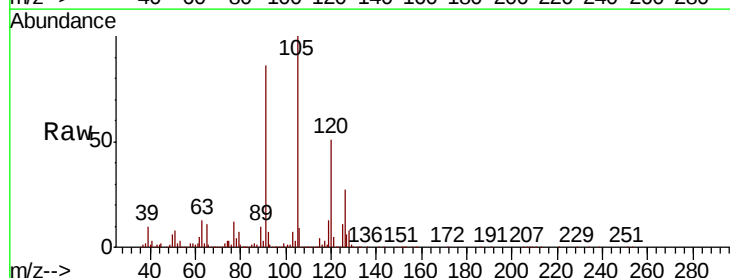
Acq: 15 Aug 2019 19:37

Tgt Ion: 105 Resp: 2376445

Ion Ratio Lower Upper

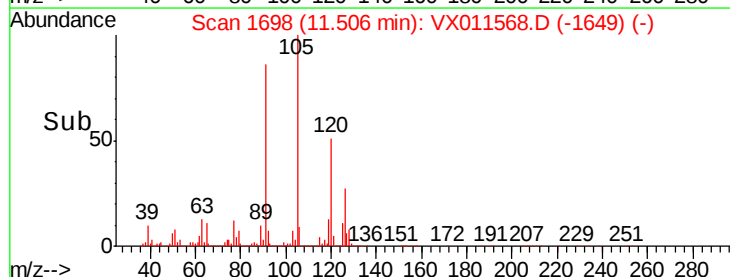
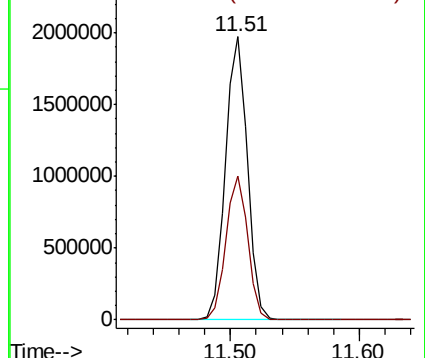
105 100

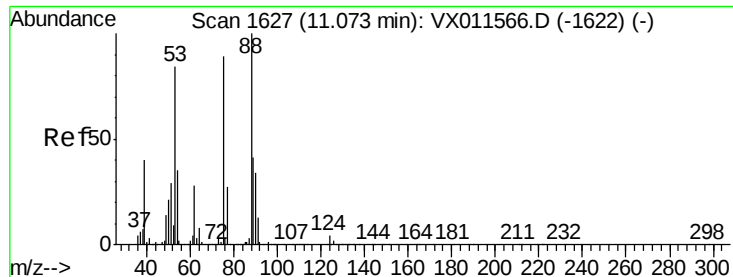
120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 172.886 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

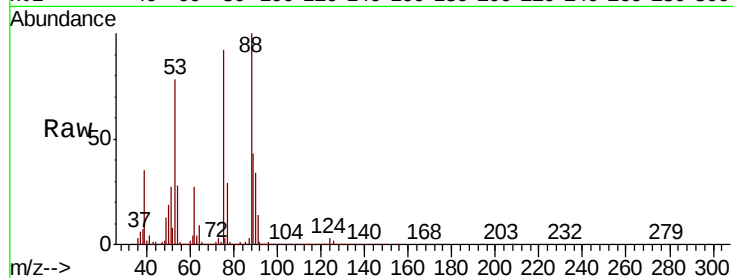
Tgt Ion: 75 Resp: 330580

Ion Ratio Lower Upper

75 100

53 88.1 77.4 116.0

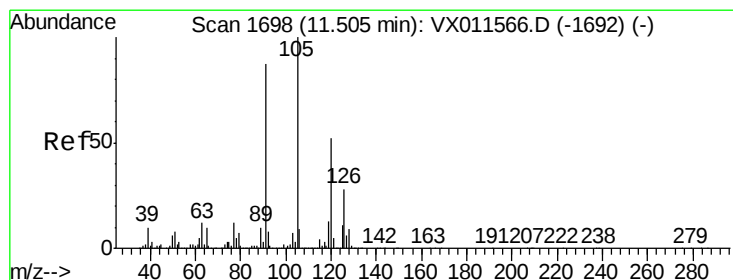
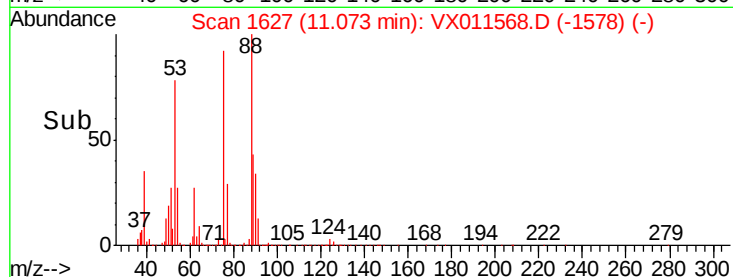
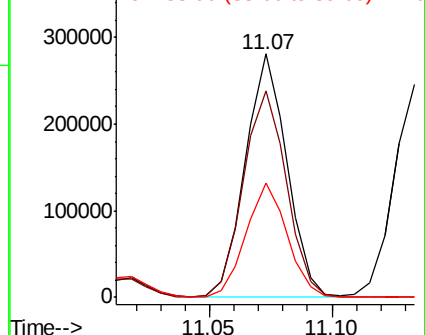
89 47.0 37.3 55.9



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: 142.519 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011568.D

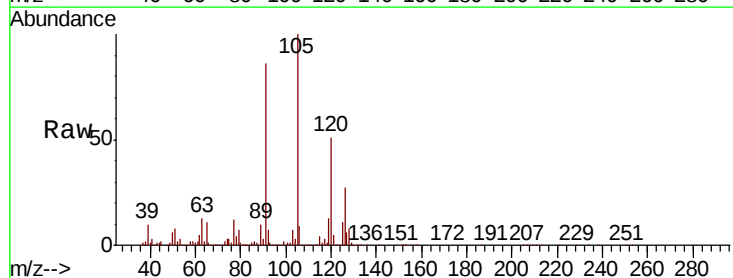
Acq: 15 Aug 2019 19:37

Tgt Ion: 91 Resp: 2163944

Ion Ratio Lower Upper

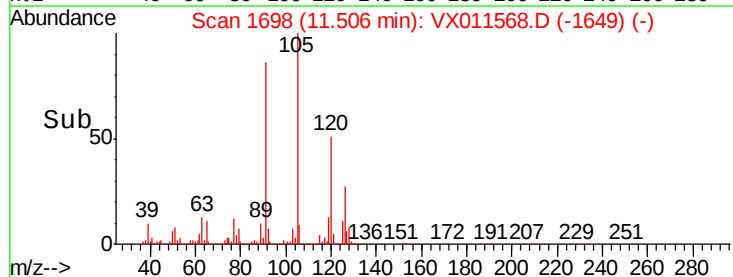
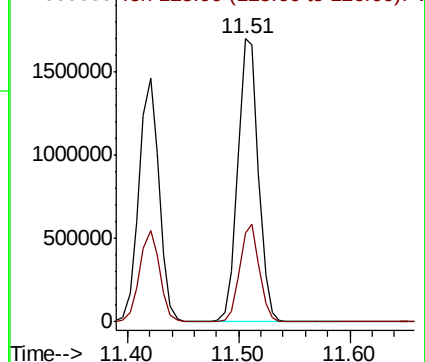
91 100

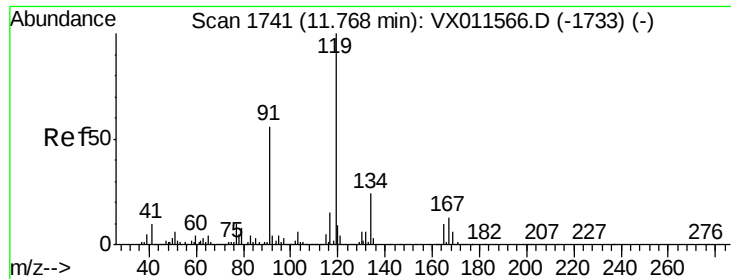
126 32.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 148.674 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

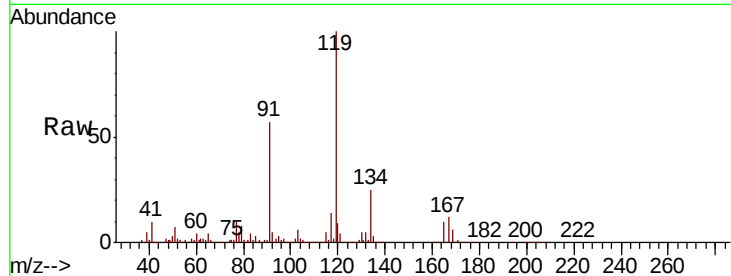
Tgt Ion:119 Resp: 2415834

Ion Ratio Lower Upper

119 100

91 53.7 27.1 81.3

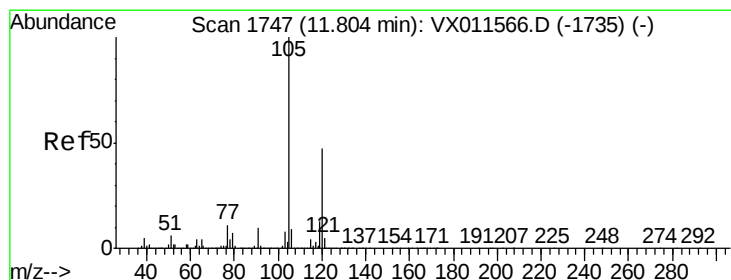
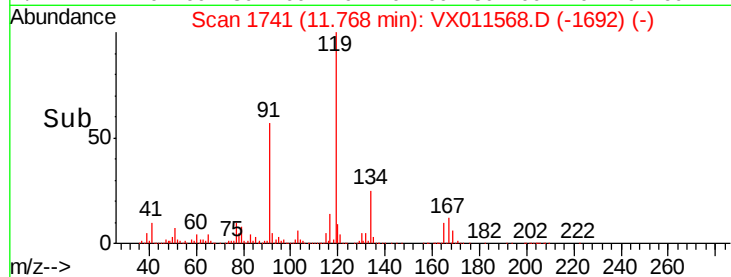
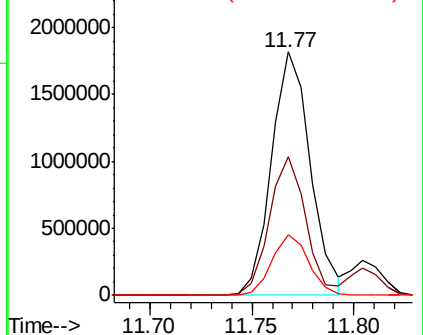
134 23.7 11.8 35.3



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: 146.984 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011568.D

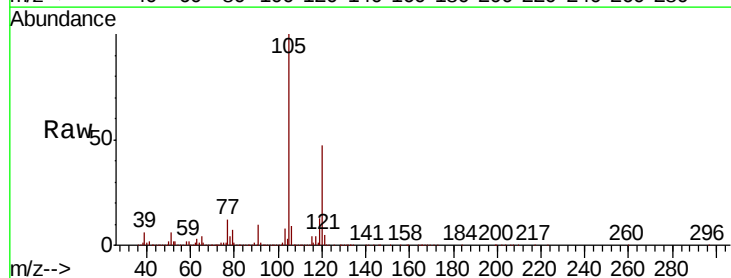
Acq: 15 Aug 2019 19:37

Tgt Ion:105 Resp: 2438419

Ion Ratio Lower Upper

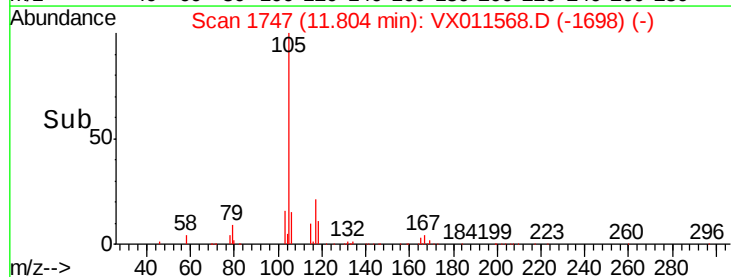
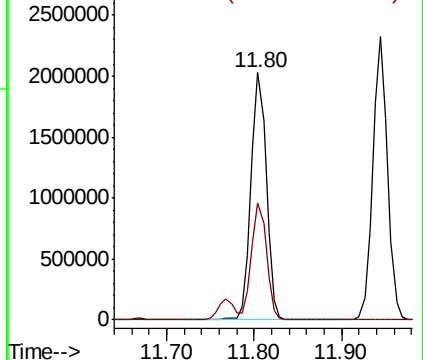
105 100

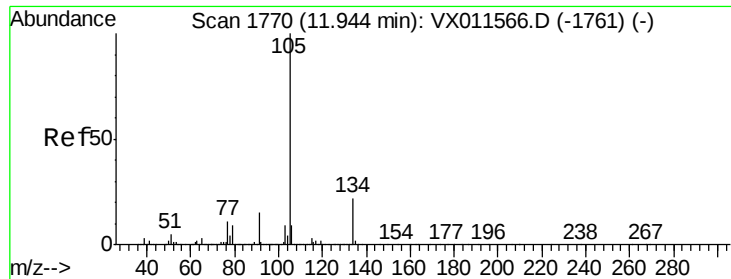
120 45.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

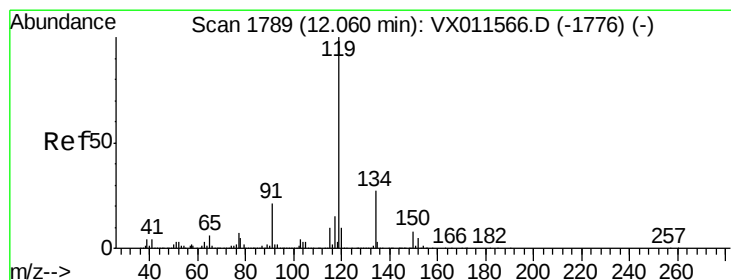
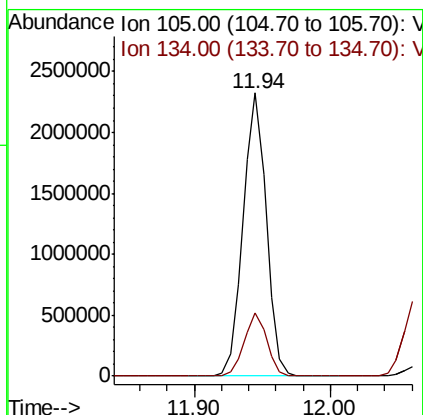
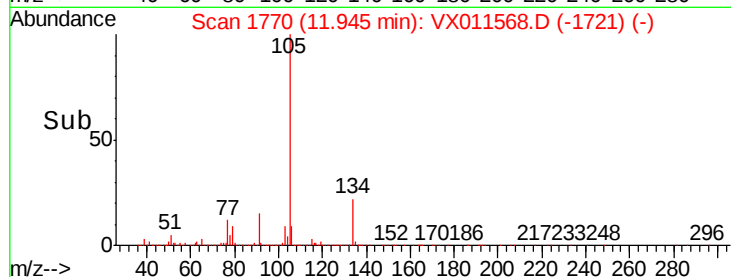
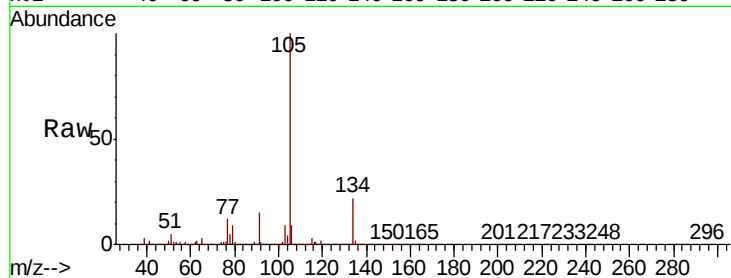




#85
 sec-Butylbenzene
 Concen: 145.804 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

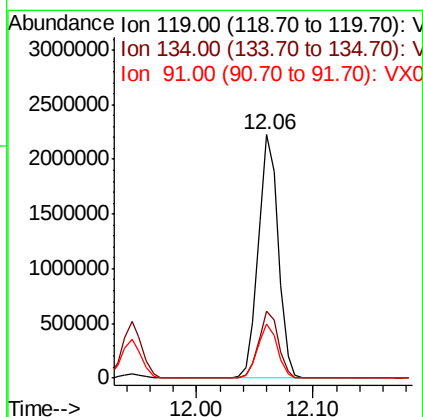
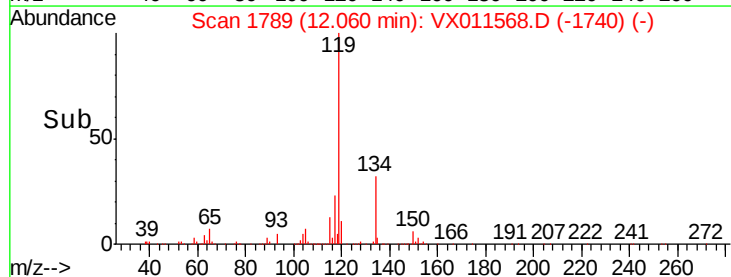
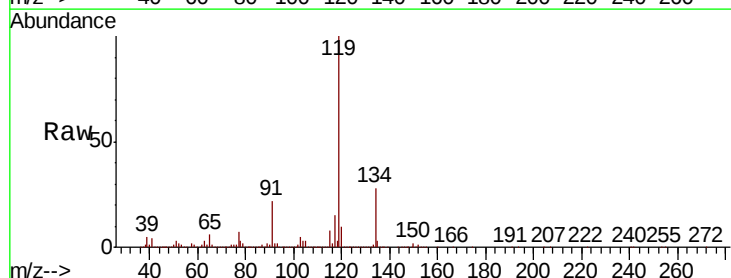
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

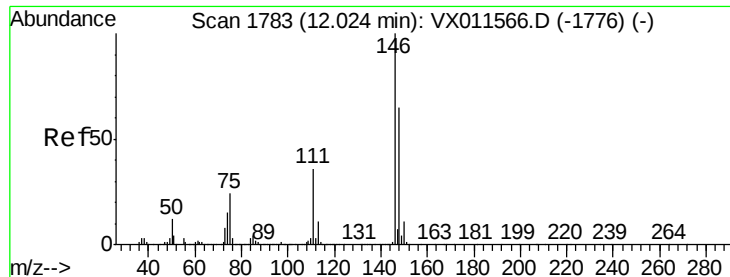
Tgt Ion:105 Resp: 2753873
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 151.321 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion:119 Resp: 2656838
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 21.9 10.9 32.9

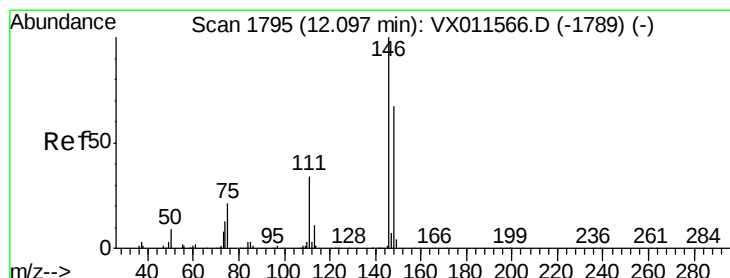
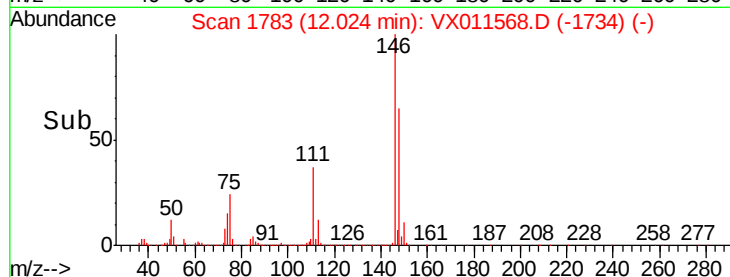
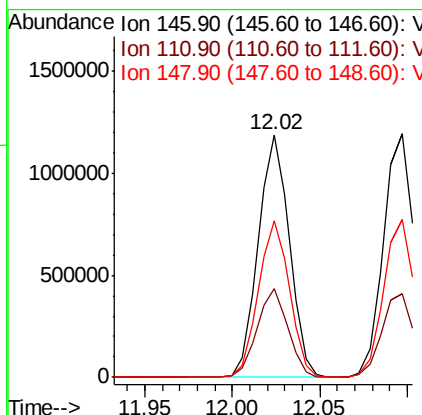
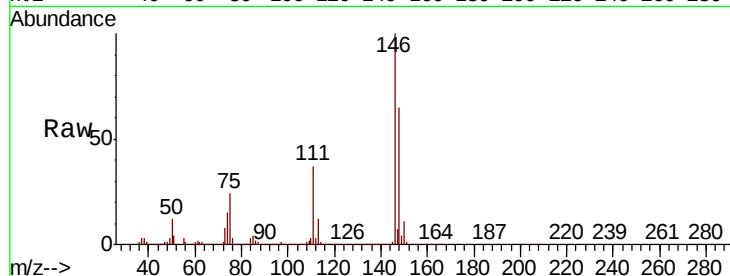




#87
 1,3-Dichlorobenzene
 Concen: 154.195 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

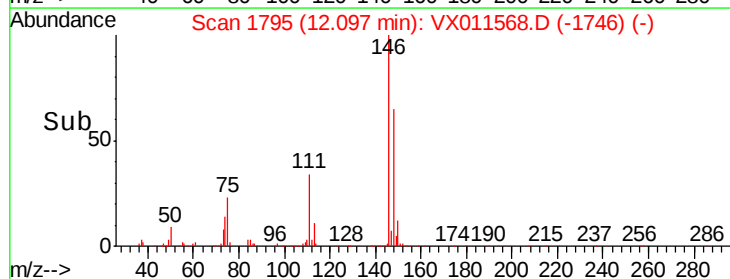
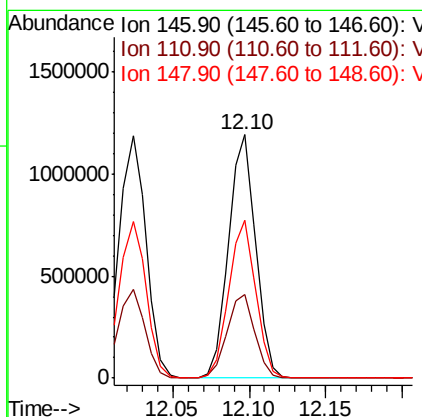
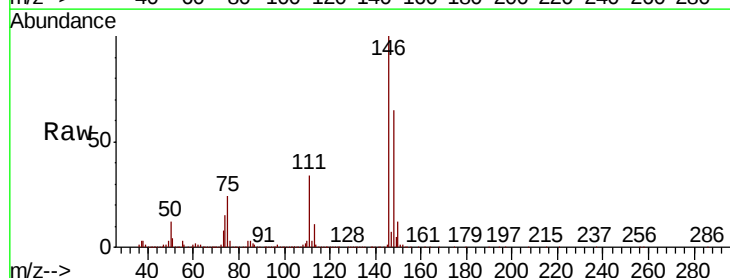
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

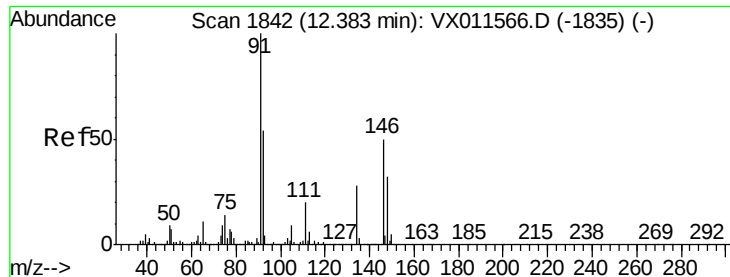
Tgt Ion:146 Resp: 1465399
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.4
 148 64.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 150.482 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion:146 Resp: 1463453
 Ion Ratio Lower Upper
 146 100
 111 35.1 17.9 53.7
 148 64.2 32.5 97.5

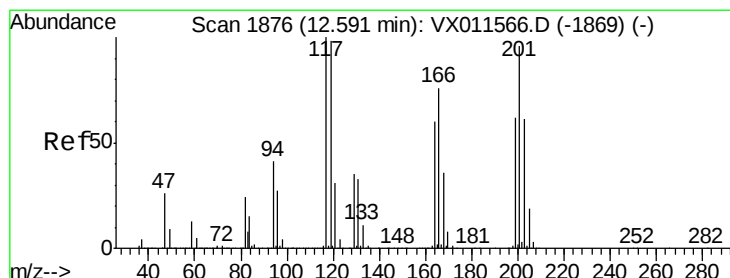
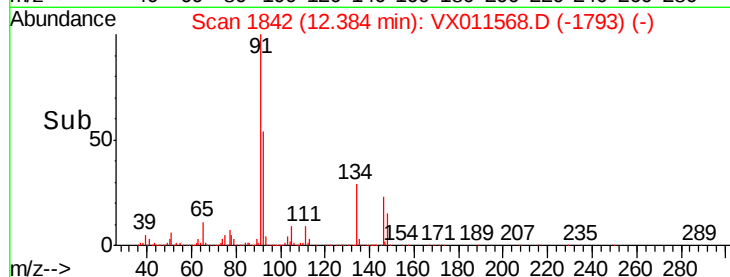
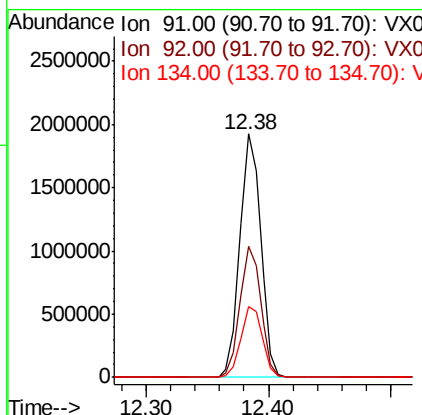
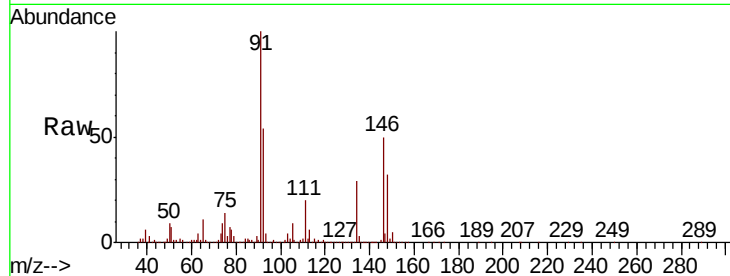




#89
n-Butylbenzene
Concen: 152.777 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

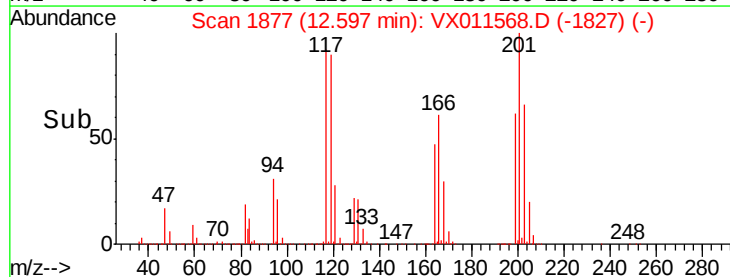
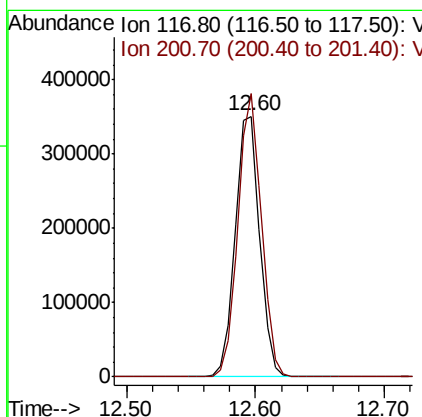
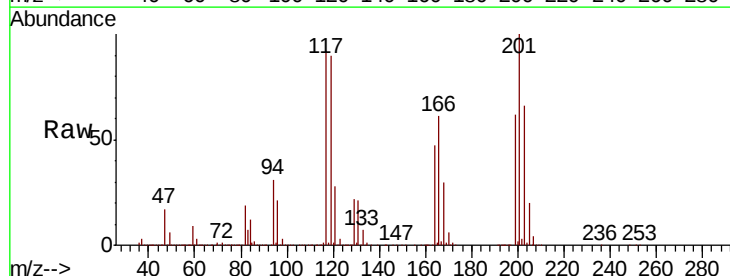
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

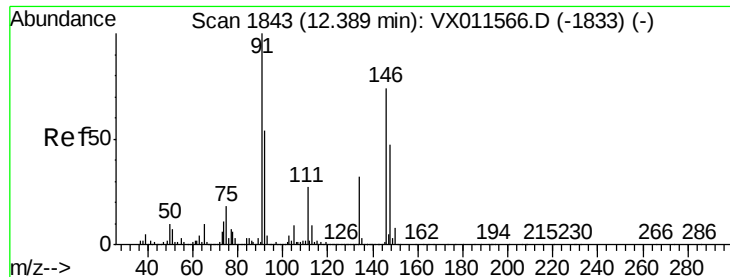
Tgt Ion: 91 Resp: 2272961
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.3
134 29.7 14.6 44.0



#90
Hexachloroethane
Concen: 167.868 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011568.D
Acq: 15 Aug 2019 19:37

Tgt Ion: 117 Resp: 463099
Ion Ratio Lower Upper
117 100
201 103.8 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 155.386 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

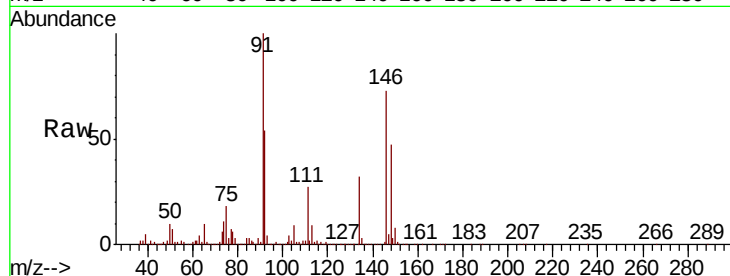
Tgt Ion:146 Resp: 1464641

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

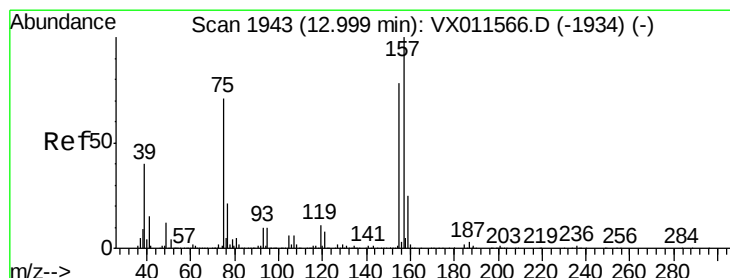
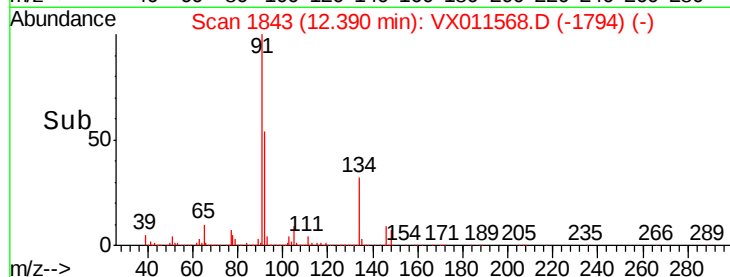
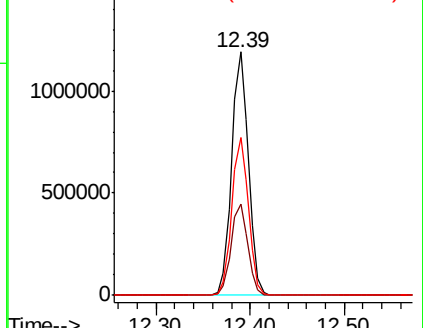
148 64.7 31.9 95.9



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: 171.583 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

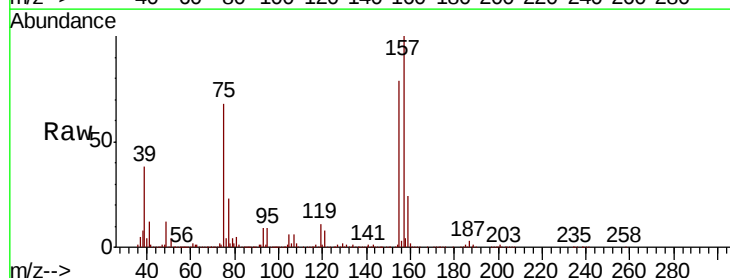
Tgt Ion: 75 Resp: 234244

Ion Ratio Lower Upper

75 100

155 107.2 53.0 159.0

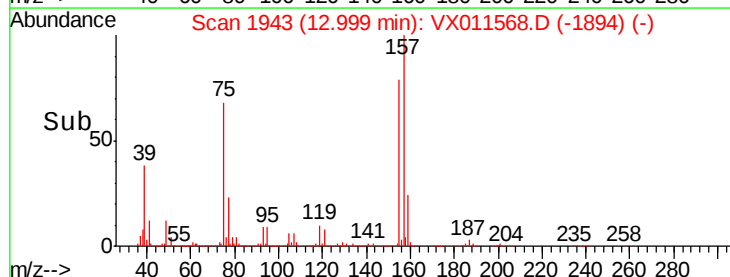
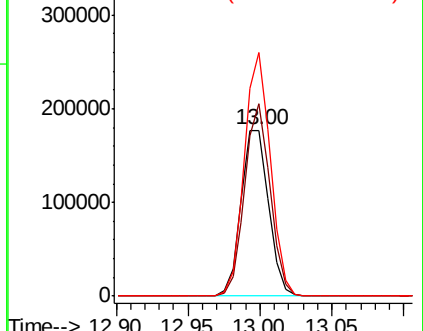
157 138.4 68.3 205.1

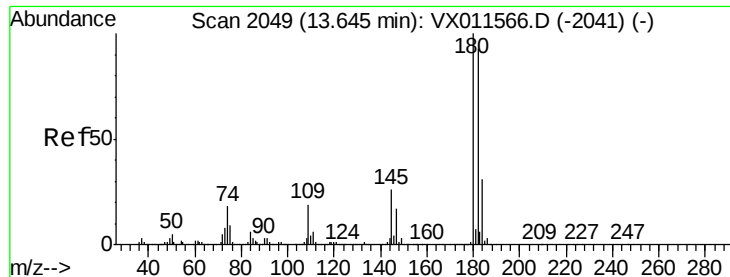


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

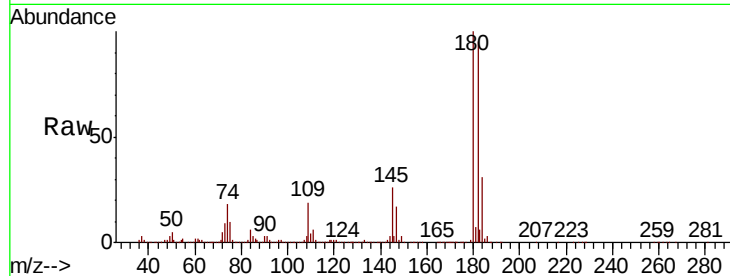




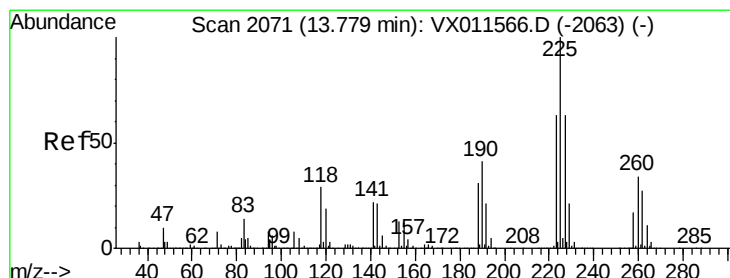
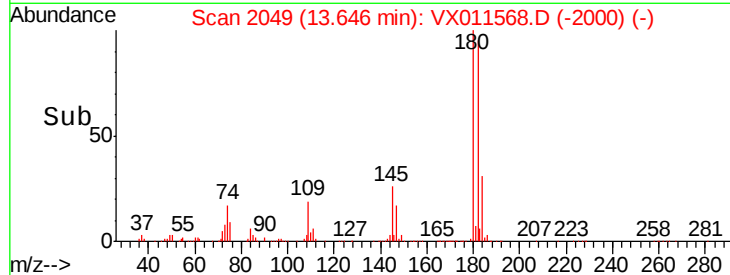
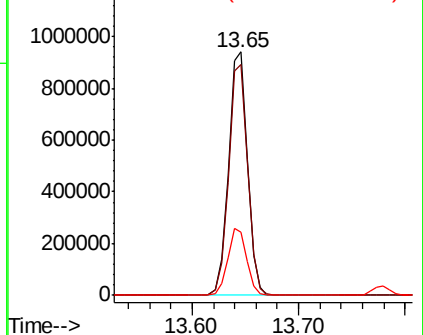
#93
 1,2,4-Trichlorobenzene
 Concen: 179.556 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1168135
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 27.6 13.6 40.8

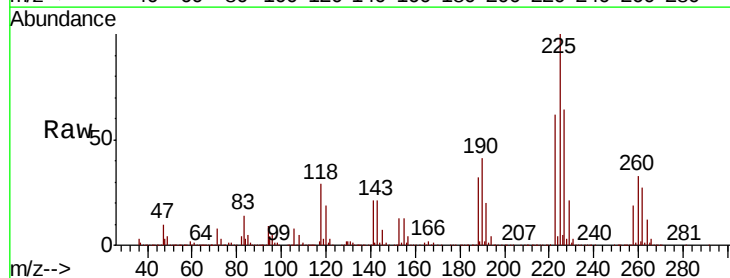


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

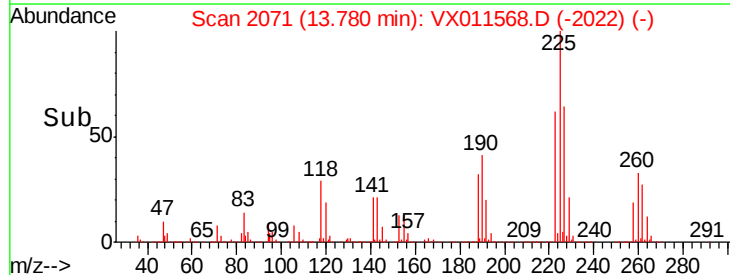
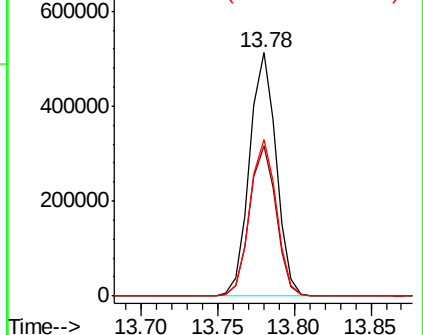


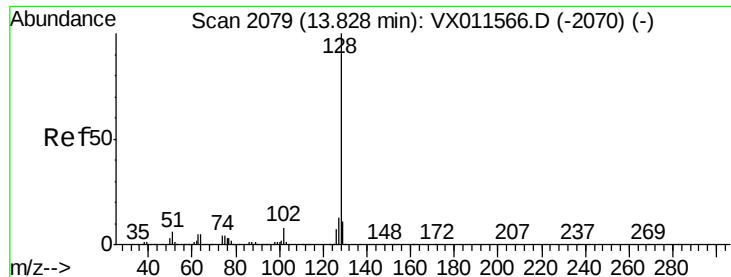
#94
 Hexachlorobutadiene
 Concen: 188.085 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011568.D
 Acq: 15 Aug 2019 19:37

Tgt Ion:225 Resp: 618630
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.4 94.0
 227 64.2 31.2 93.6



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: 174.389 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

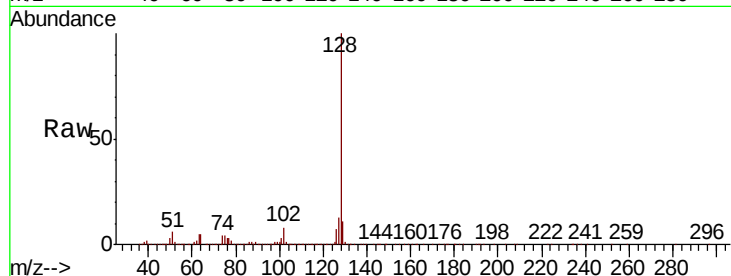
Tgt Ion:128 Resp: 3331835

Ion Ratio Lower Upper

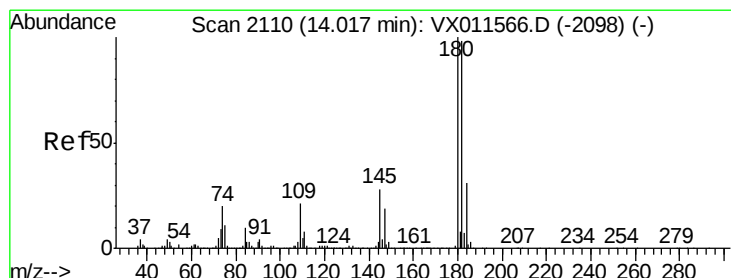
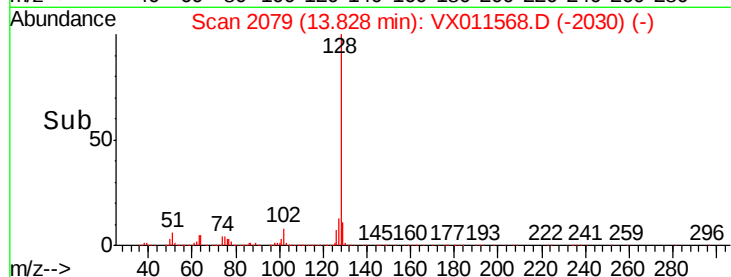
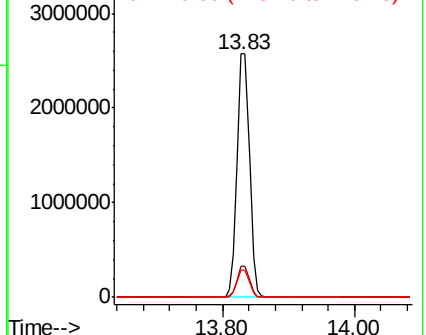
128 100

127 12.9 10.3 15.5

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 180.183 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011568.D

Acq: 15 Aug 2019 19:37

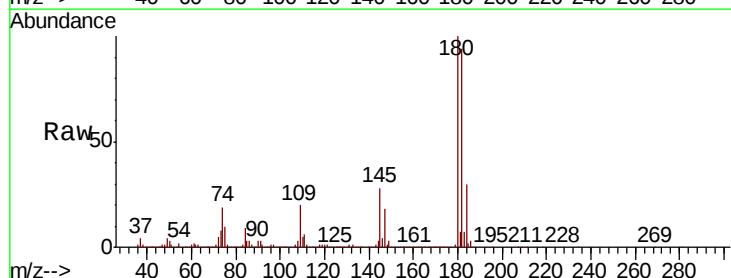
Tgt Ion:180 Resp: 1170911

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 29.2 14.6 43.8



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

