

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009205.D
 Acq On : 29 Apr 2019 13:43
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 30 06:46:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 06:38:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	373839	141.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.64%	
35) Dibromofluoromethane	5.50	113	279885	144.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.46%	
50) Toluene-d8	8.71	98	1136942	147.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.16%	
62) 4-Bromofluorobenzene	11.13	95	437942	159.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	261650	126.794	ug/l	100
3) Chloromethane	1.32	50	345175	132.806	ug/l	100
4) Vinyl Chloride	1.41	62	347879	137.875	ug/l	99
5) Bromomethane	1.64	94	229098	139.312	ug/l	96
6) Chloroethane	1.70	64	220403	147.194	ug/l	99
7) Trichlorofluoromethane	1.91	101	413632	139.559	ug/l	99
8) Diethyl Ether	2.18	74	191048	140.088	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	262386	138.184	ug/l	99
10) Methyl Iodide	2.50	142	323439	172.109	ug/l	97
11) Tert butyl alcohol	3.07	59	438974	749.460	ug/l	100
12) 1,1-Dichloroethene	2.36	96	267458	135.441	ug/l	98
13) Acrolein	2.29	56	396303	785.469	ug/l	99
14) Allyl chloride	2.72	41	636384	147.036	ug/l	100
15) Acrylonitrile	3.15	53	1047986	712.563	ug/l	100
16) Acetone	2.45	43	956184	705.036	ug/l	99
17) Carbon Disulfide	2.56	76	767803	126.204	ug/l	100
18) Methyl Acetate	2.78	43	468168	138.065	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1016548	143.532	ug/l	100
20) Methylene Chloride	2.85	84	314980	135.458	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	283813	134.621	ug/l	99
22) Diisopropyl ether	3.86	45	1206523	142.862	ug/l	91
23) Vinyl Acetate	3.82	43	5395096	730.727	ug/l	99
24) 1,1-Dichloroethane	3.69	63	597877	141.333	ug/l	100
25) 2-Butanone	4.68	43	1585051	732.270	ug/l	100
26) 2,2-Dichloropropane	4.58	77	459417	144.806	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	337948	140.634	ug/l	99
28) Bromochloromethane	5.01	49	229313	115.326	ug/l	100
29) Tetrahydrofuran	5.13	42	1018381	703.624	ug/l	100
30) Chloroform	5.21	83	543132	143.389	ug/l	100
31) Cyclohexane	5.57	56	572610	138.395	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	461673	147.247	ug/l	99
36) 1,1-Dichloropropene	5.80	75	426400	138.606	ug/l	99
37) Ethyl Acetate	4.84	43	585901	147.956	ug/l	99
38) Carbon Tetrachloride	5.78	117	390133	148.897	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	532208	142.264	ug/l	100
40) Benzene	6.14	78	1290706	141.757	ug/l	99
41) Methacrylonitrile	5.05	41	333606	146.016	ug/l	99
42) 1,2-Dichloroethane	6.19	62	456554	141.518	ug/l	100
43) Isopropyl Acetate	6.45	43	970338	151.510	ug/l	100
44) Trichloroethene	7.21	130	314227	141.039	ug/l	99
45) 1,2-Dichloropropane	7.51	63	370941	146.613	ug/l	99
46) Dibromomethane	7.66	93	212286	144.335	ug/l	99
47) Bromodichloromethane	7.90	83	438014	151.501	ug/l	99
48) Methyl methacrylate	7.77	41	488153	154.288	ug/l	99
49) 1,4-Dioxane	7.74	88	178200	2945.267	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	3116240	760.906	ug/l	99
52) Toluene	8.79	92	786996	143.897	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	532791	160.982	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	566742	152.389	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	321018	147.698	ug/l	95
56) Ethyl methacrylate	9.18	69	618854	158.993	ug/l	100
57) 1,3-Dichloropropane	9.37	76	565566	146.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1582538	752.730	ug/l	99
59) 2-Hexanone	9.49	43	2403040	757.125	ug/l	100
60) Dibromochloromethane	9.59	129	344035	165.176	ug/l	99
61) 1,2-Dibromoethane	9.67	107	333431	149.263	ug/l	100
64) Tetrachloroethene	9.34	164	271862	129.376	ug/l	99
65) Chlorobenzene	10.14	112	839307	142.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	312724	150.635	ug/l	99
67) Ethyl Benzene	10.25	91	1537212	142.757	ug/l	99
68) m/p-Xylenes	10.36	106	1141947	290.967	ug/l	100
69) o-Xylene	10.70	106	557129	145.895	ug/l	100
70) Styrene	10.71	104	1004774	151.500	ug/l	99
71) Bromoform	10.86	173	275139	166.002	ug/l #	100
73) Isopropylbenzene	11.02	105	1495994	138.818	ug/l	99
74) N-amyl acetate	10.90	43	911028	146.458	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	546927	138.090	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	673867	193.651	ug/l	79
77) Bromobenzene	11.26	156	375656	138.109	ug/l	99
78) n-propylbenzene	11.36	91	1768449	143.264	ug/l	99
79) 2-Chlorotoluene	11.42	91	1041906	139.706	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1293429	142.927	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	210911	157.104	ug/l	97
82) 4-Chlorotoluene	11.51	91	1222139	141.215	ug/l	100
83) tert-Butylbenzene	11.77	119	1278068	146.637	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1300331	141.057	ug/l	99
85) sec-Butylbenzene	11.94	105	1501904	144.795	ug/l	100
86) p-Isopropyltoluene	12.06	119	1374002	144.183	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	681919	142.671	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	682433	140.772	ug/l	99
89) n-Butylbenzene	12.38	91	1302313	147.597	ug/l	100
90) Hexachloroethane	12.60	117	241736	153.611	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	674901	142.274	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130908	144.477	ug/l	99

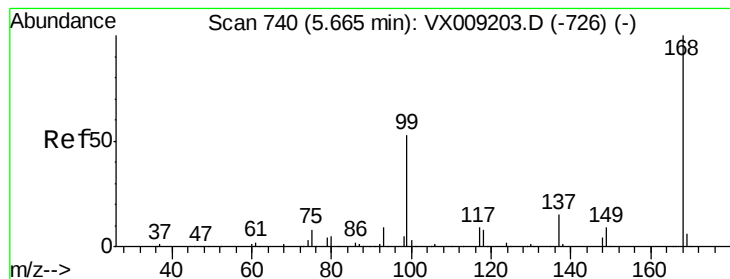
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	493947	145.025	ug/l	99
94) Hexachlorobutadiene	13.78	225	242541	142.704	ug/l	99
95) Naphthalene	13.83	128	1594664	145.616	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	489714	145.063	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

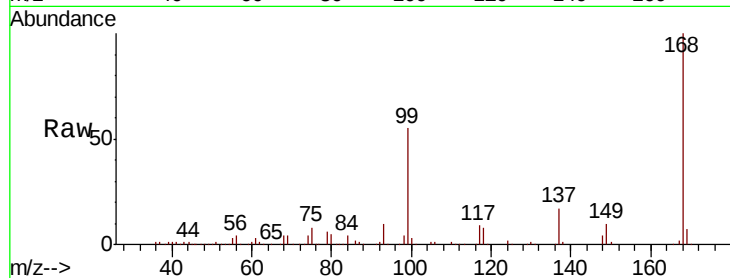
VSTDIC150

Tgt Ion:168 Resp: 186055

Ion Ratio Lower Upper

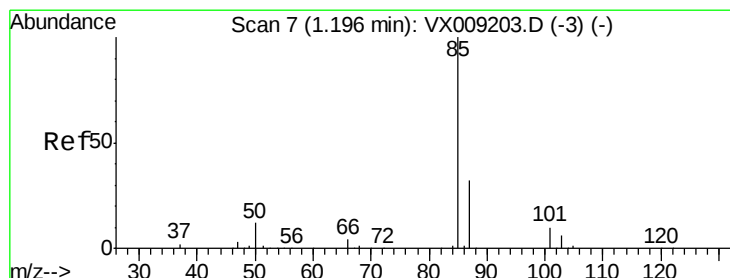
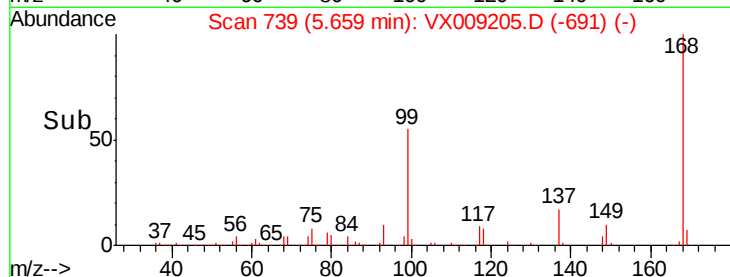
168 100

99 55.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 126.794 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009205.D

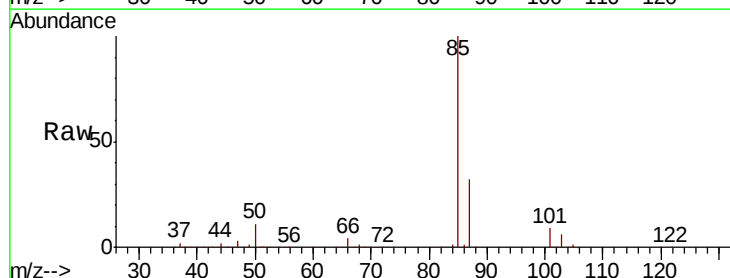
Acq: 29 Apr 2019 13:43

Tgt Ion: 85 Resp: 261650

Ion Ratio Lower Upper

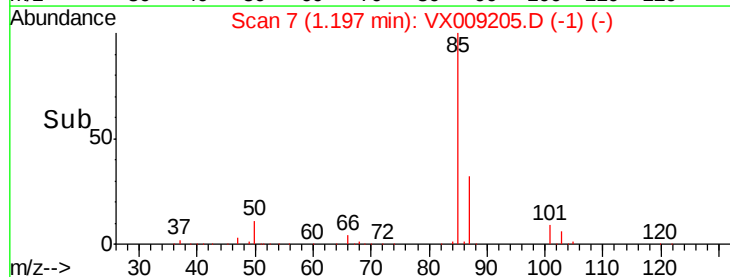
85 100

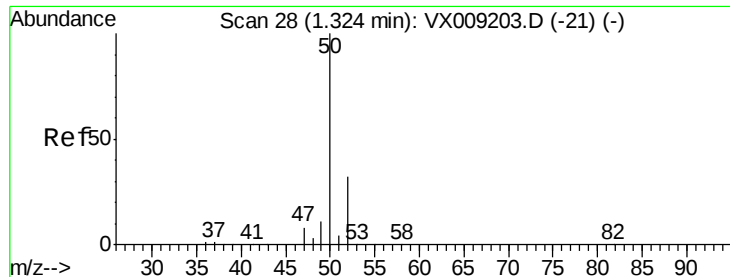
87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 132.806 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

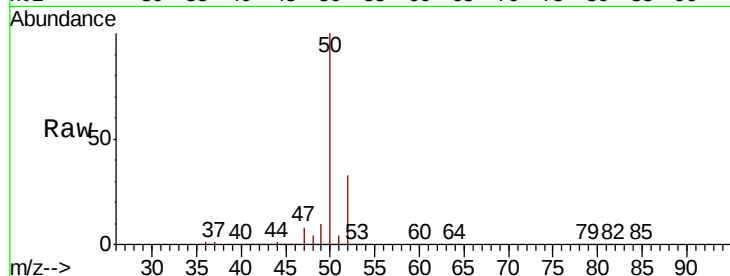
VSTDIC150

Tgt Ion: 50 Resp: 345175

Ion Ratio Lower Upper

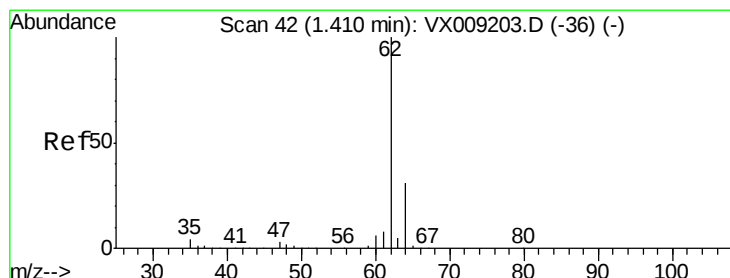
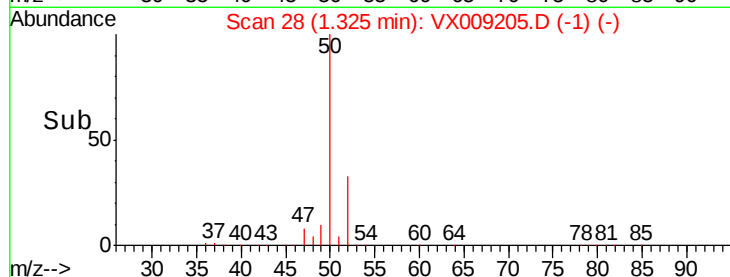
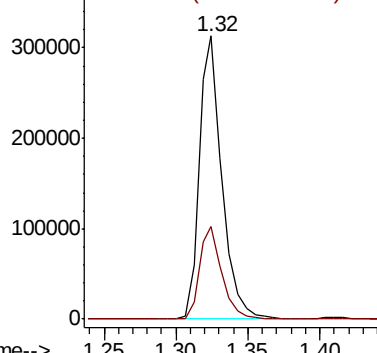
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 137.875 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009205.D

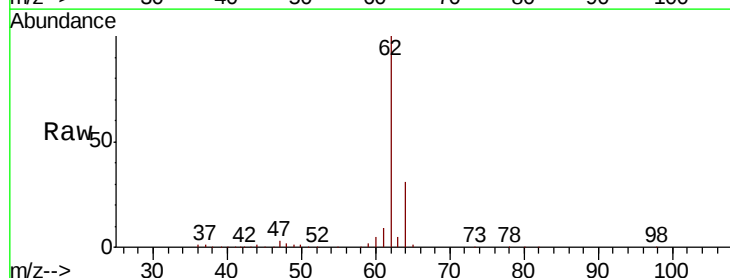
Acq: 29 Apr 2019 13:43

Tgt Ion: 62 Resp: 347879

Ion Ratio Lower Upper

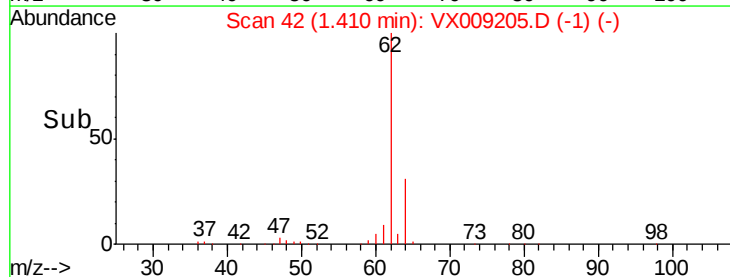
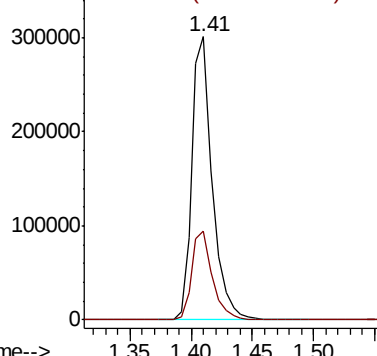
62 100

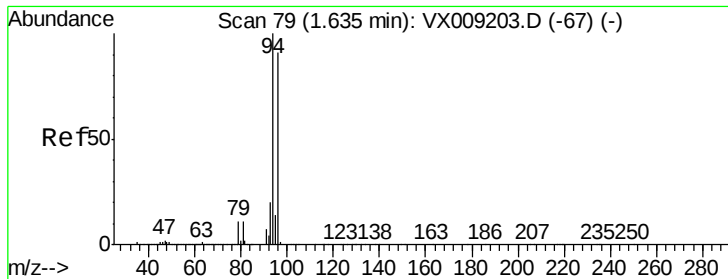
64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 139.312 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

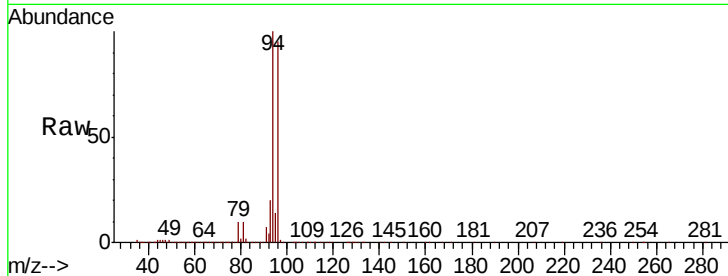
VSTDIC150

Tgt Ion: 94 Resp: 229098

Ion Ratio Lower Upper

94 100

96 95.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250000

200000

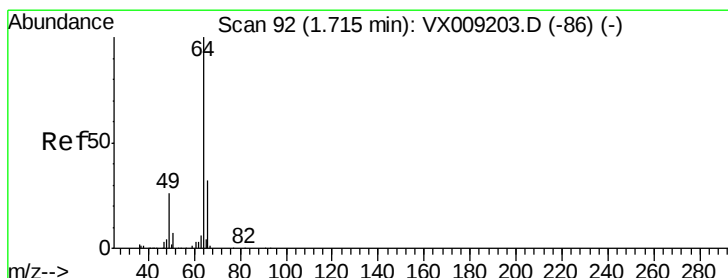
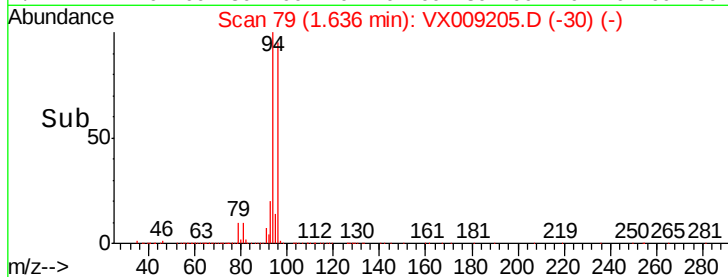
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 147.194 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX009205.D

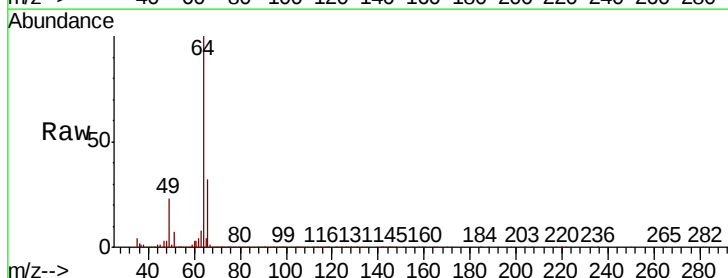
Acq: 29 Apr 2019 13:43

Tgt Ion: 64 Resp: 220403

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

200000

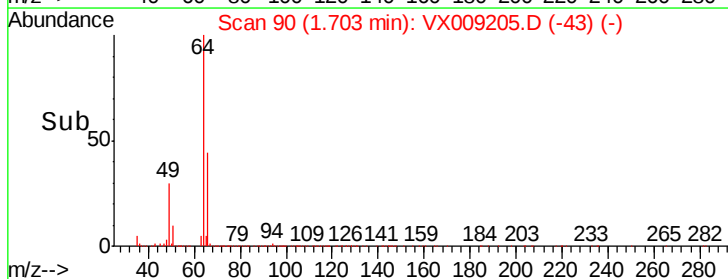
150000

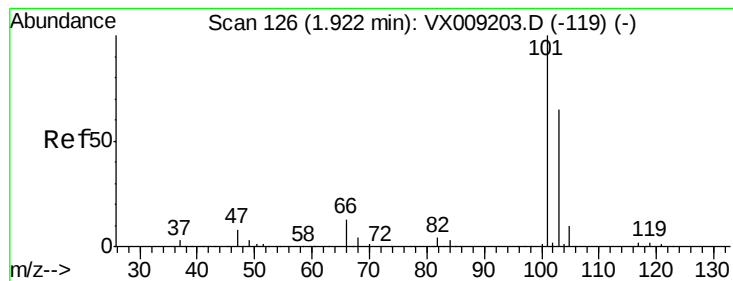
100000

50000

0

Time--> 1.65 1.70 1.75 1.80



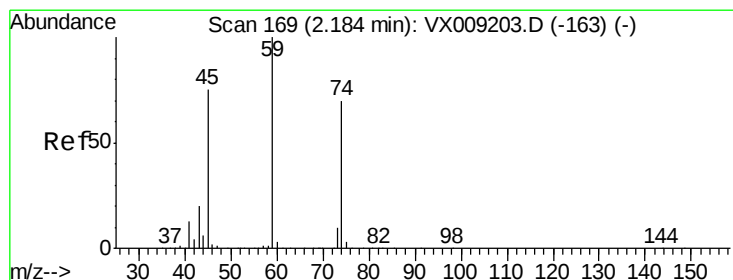
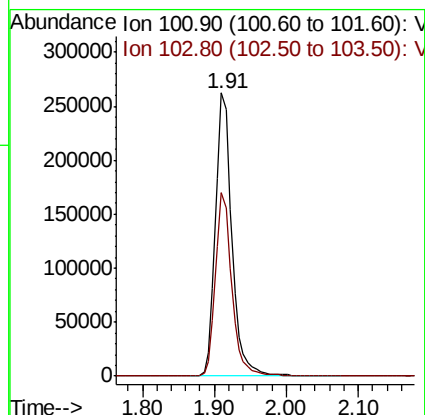
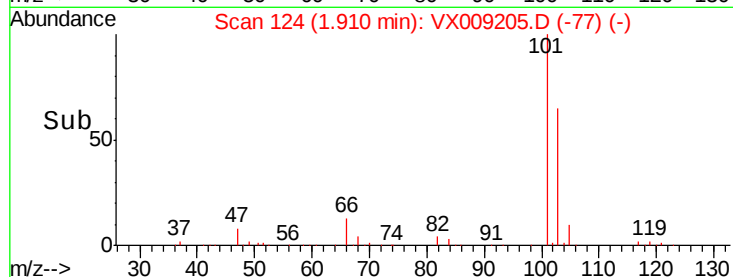
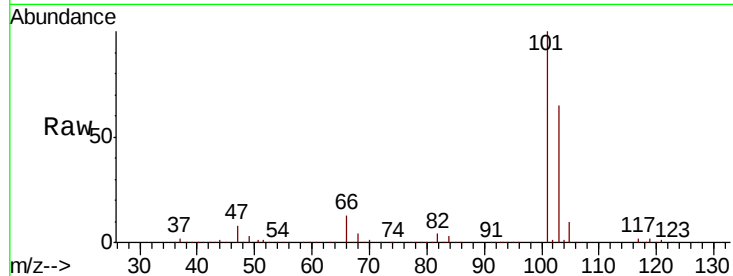


#7

Trichlorofluoromethane
Concen: 139.559 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.01 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

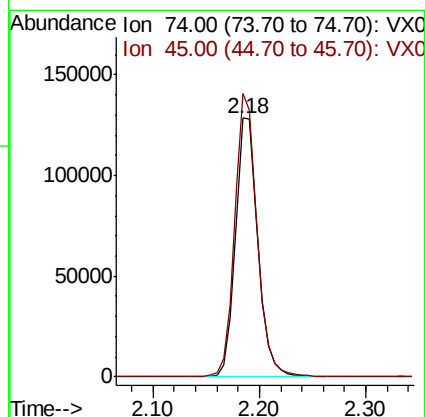
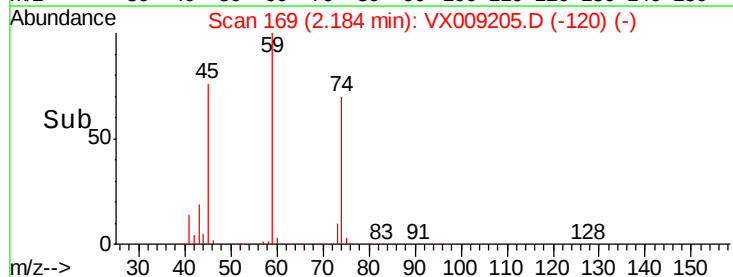
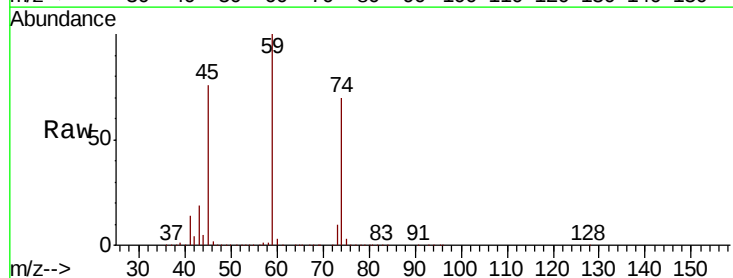
Tgt Ion: 101 Resp: 413632
Ion Ratio Lower Upper
101 100
103 64.8 52.4 78.6

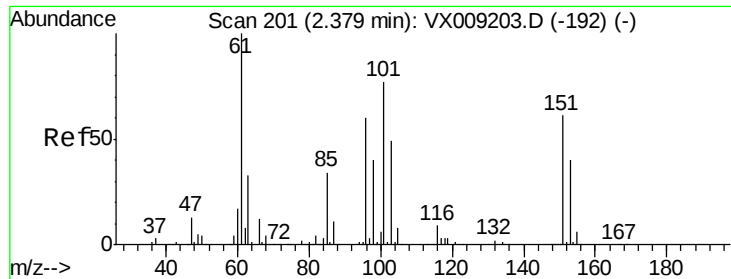


#8

Diethyl Ether
Concen: 140.088 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 74 Resp: 191048
Ion Ratio Lower Upper
74 100
45 108.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.184 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

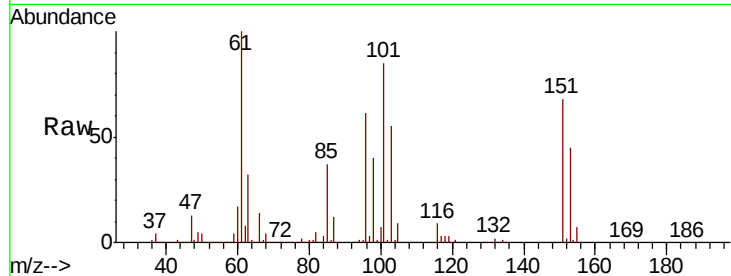
Tgt Ion:101 Resp: 262386

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

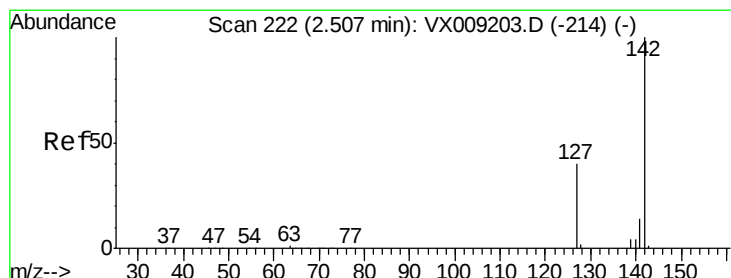
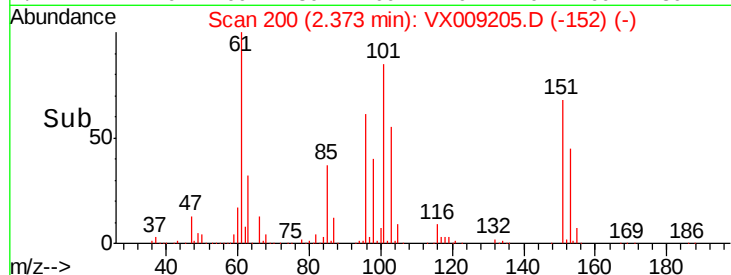
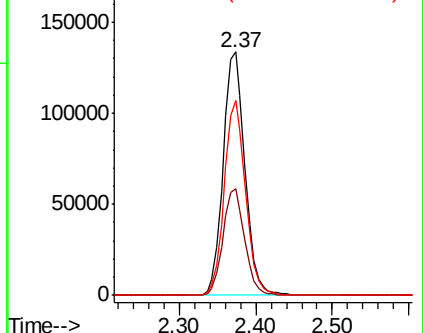
151 78.5 62.2 93.2



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: 172.109 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

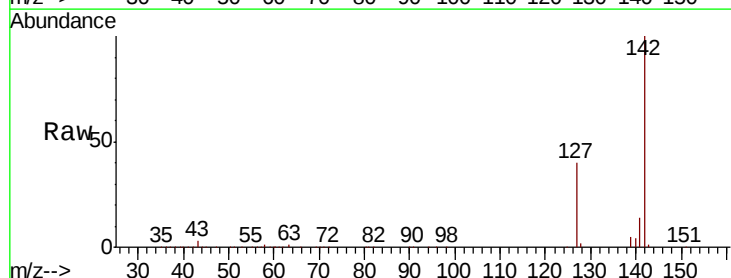
Tgt Ion:142 Resp: 323439

Ion Ratio Lower Upper

142 100

127 38.6 32.7 49.1

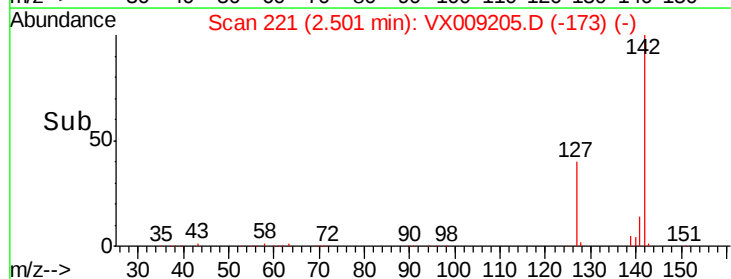
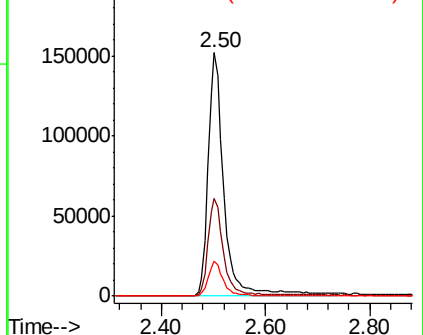
141 13.5 11.5 17.3

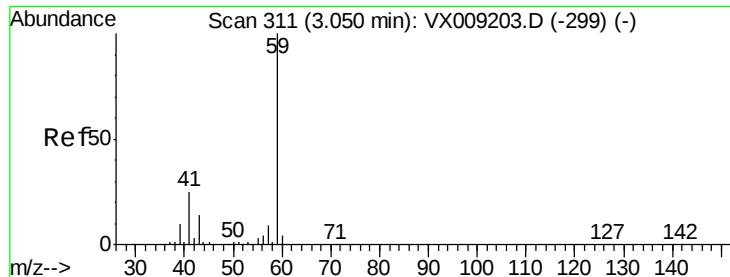


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

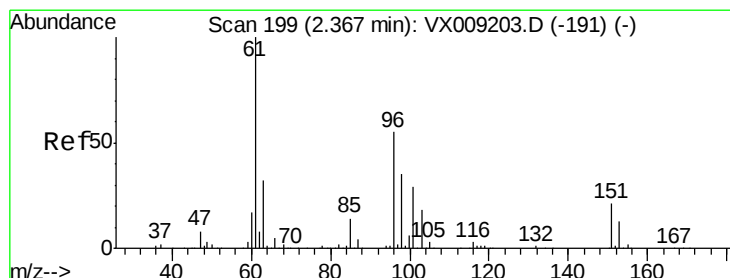
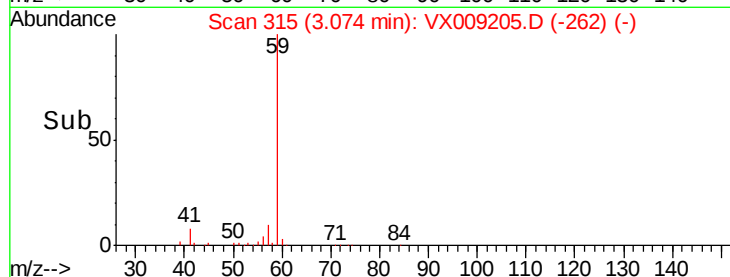
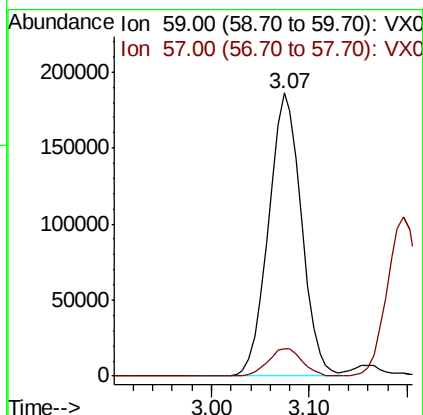
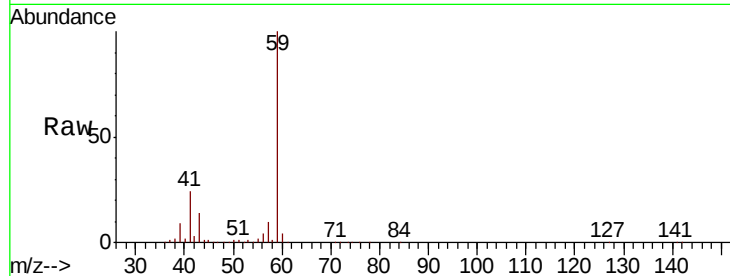




#11
Tert butyl alcohol
Concen: 749.460 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

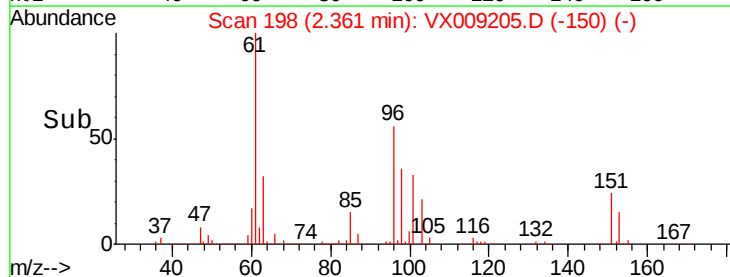
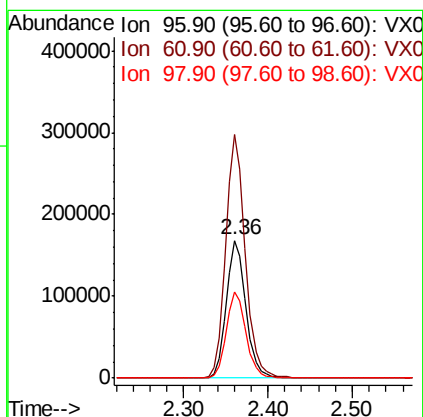
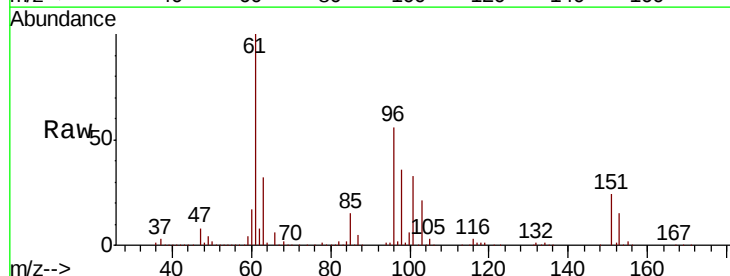
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

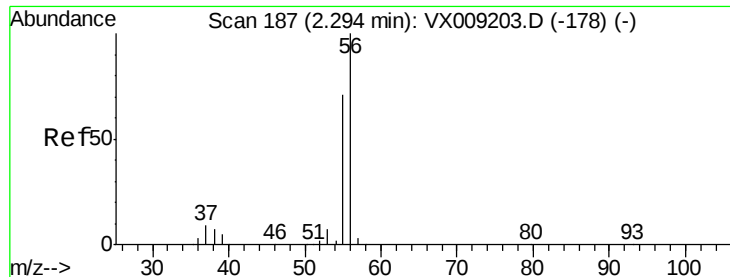
Tgt Ion: 59 Resp: 438974
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 135.441 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 96 Resp: 267458
Ion Ratio Lower Upper
96 100
61 177.0 144.3 216.5
98 62.9 50.3 75.5





#13

Acrolein

Concen: 785.469 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

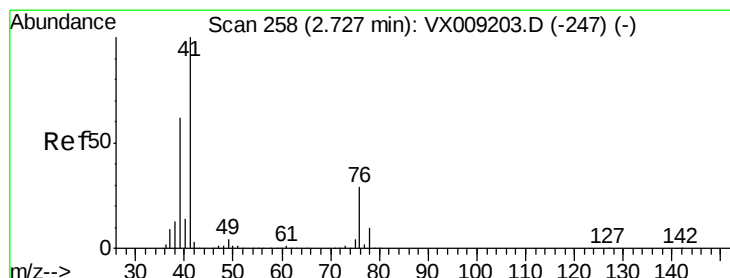
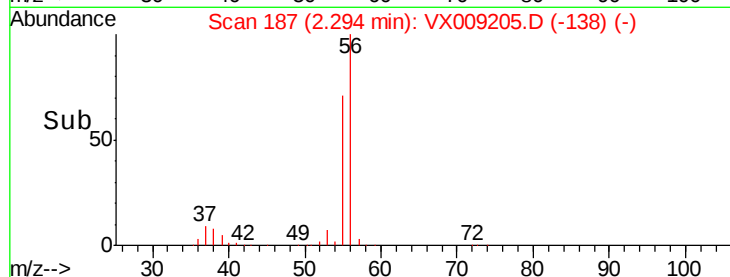
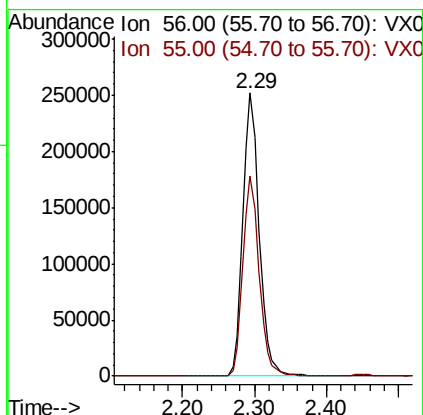
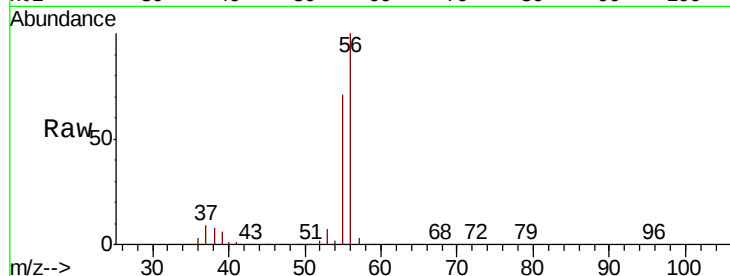
VSTDIC150

Tgt Ion: 56 Resp: 396303

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0



#14

Allyl chloride

Concen: 147.036 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

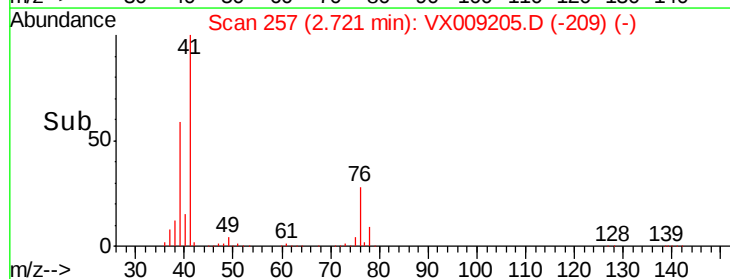
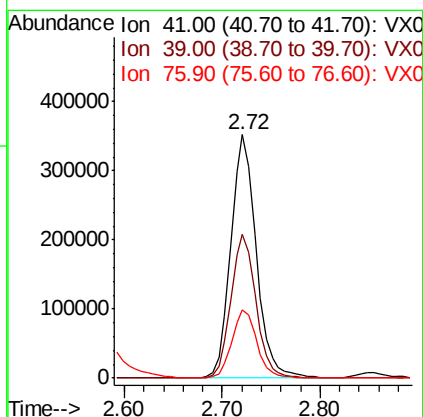
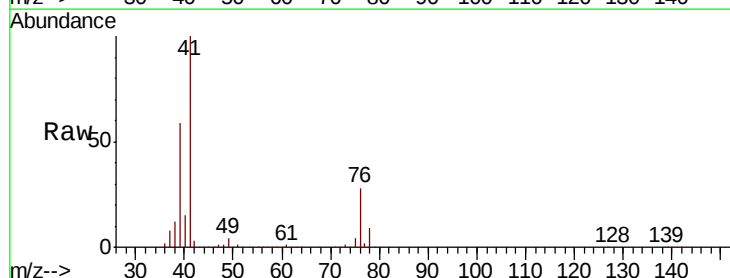
Tgt Ion: 41 Resp: 636384

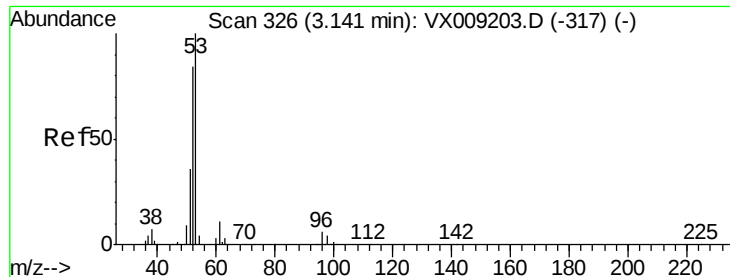
Ion Ratio Lower Upper

41 100

39 58.1 46.7 70.1

76 27.5 21.8 32.8





#15

Acrylonitrile

Concen: 712.563 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

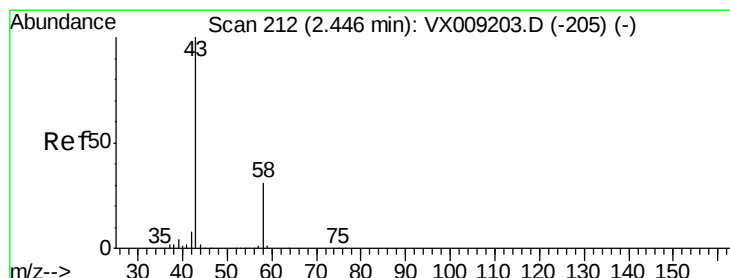
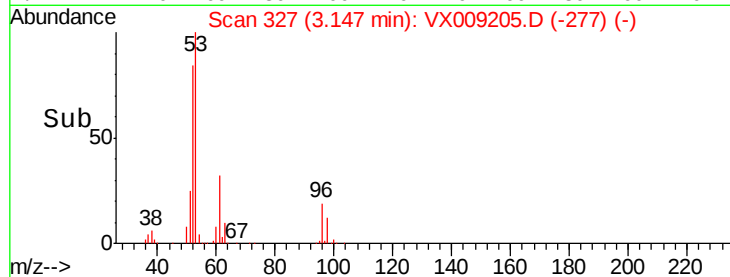
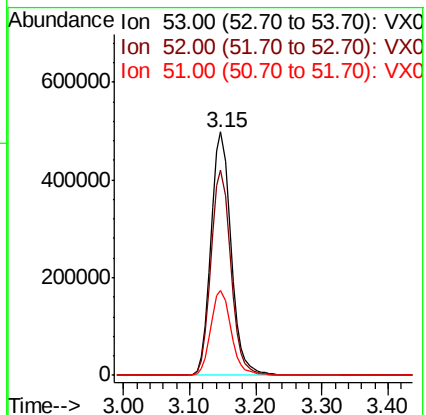
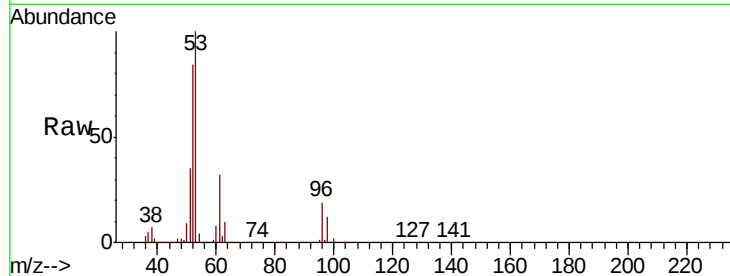
Tgt Ion: 53 Resp: 1047986

Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

51 35.5 28.2 42.2



#16

Acetone

Concen: 705.036 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009205.D

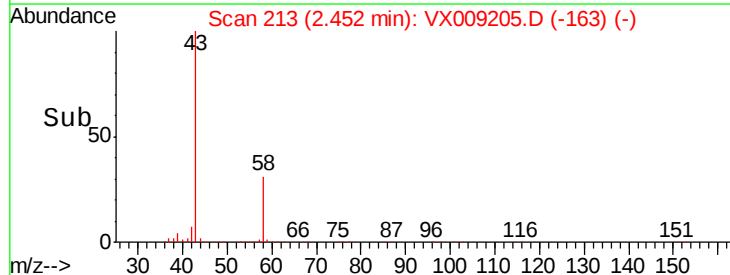
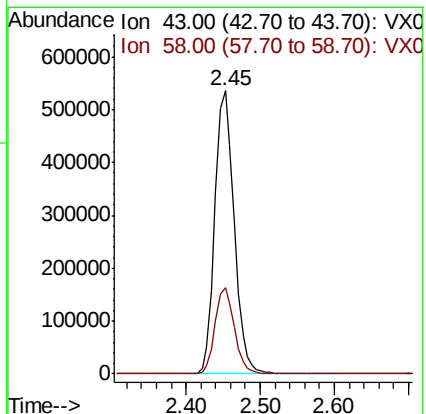
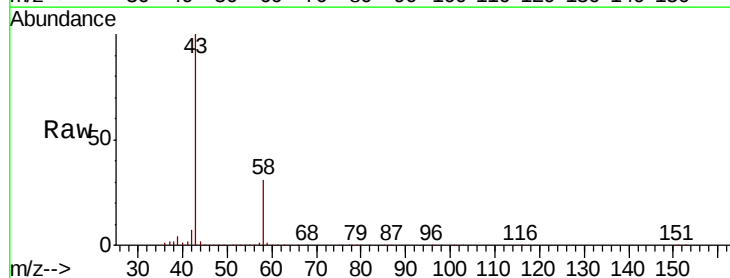
Acq: 29 Apr 2019 13:43

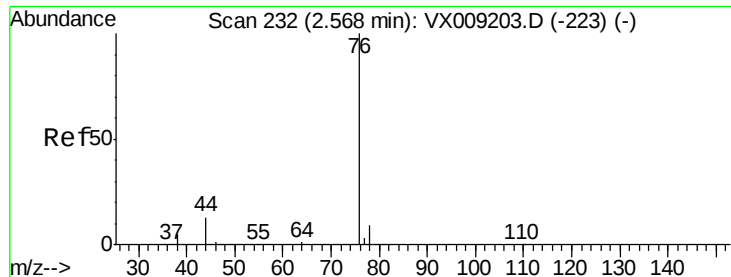
Tgt Ion: 43 Resp: 956184

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3





#17

Carbon Disulfide

Concen: 126.204 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

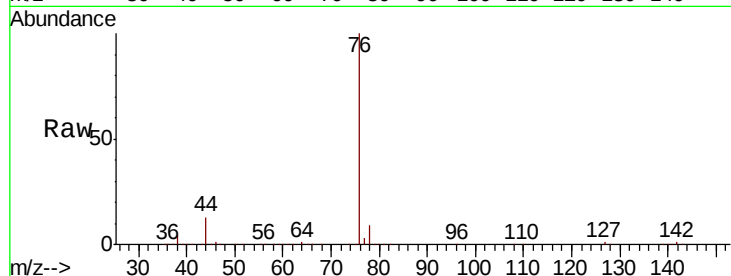
VSTDIC150

Tgt Ion: 76 Resp: 767803

Ion Ratio Lower Upper

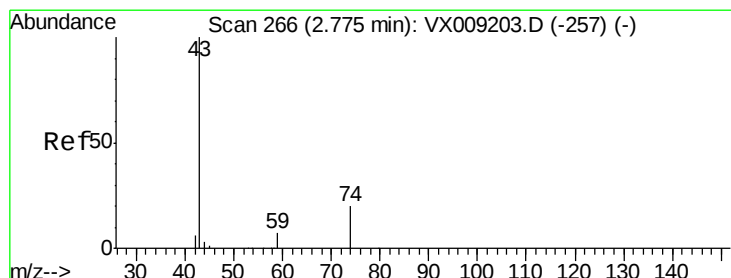
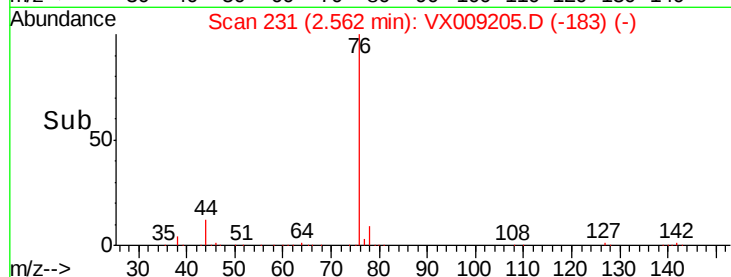
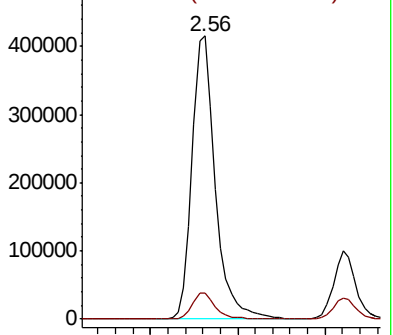
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 138.065 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009205.D

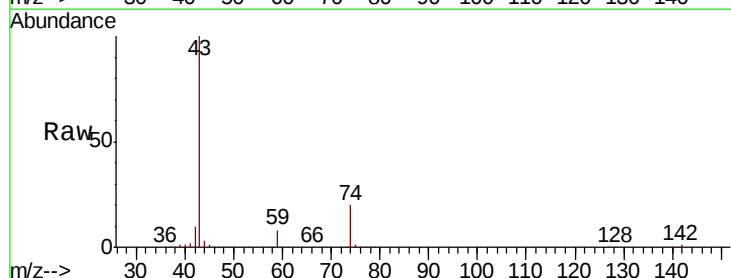
Acq: 29 Apr 2019 13:43

Tgt Ion: 43 Resp: 468168

Ion Ratio Lower Upper

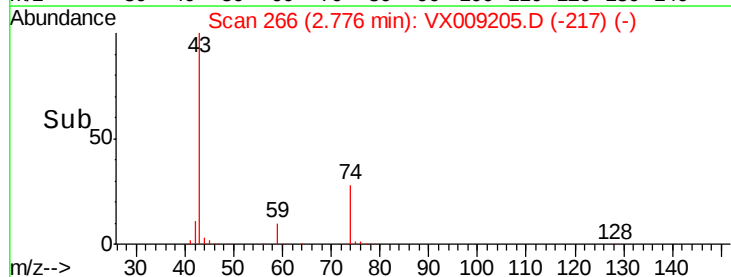
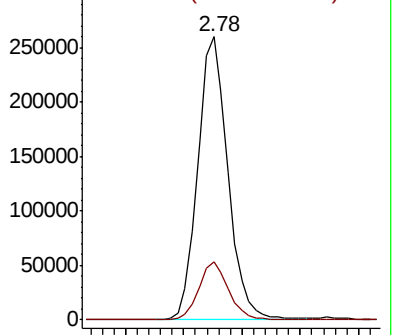
43 100

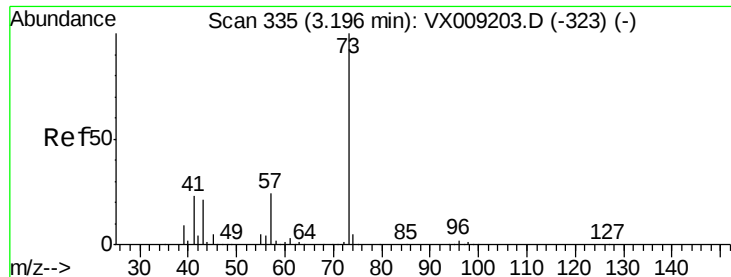
74 19.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

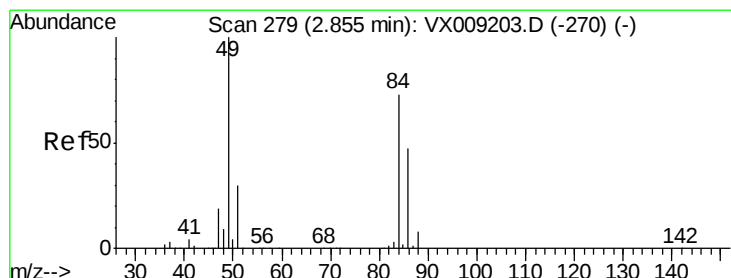
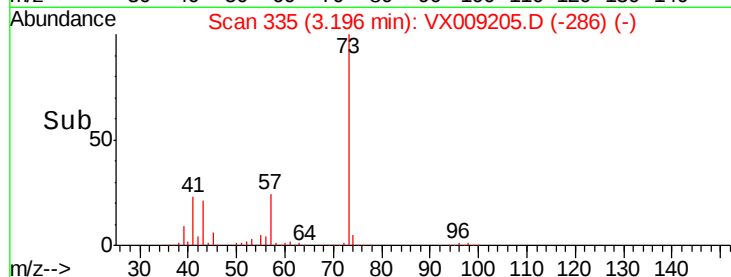
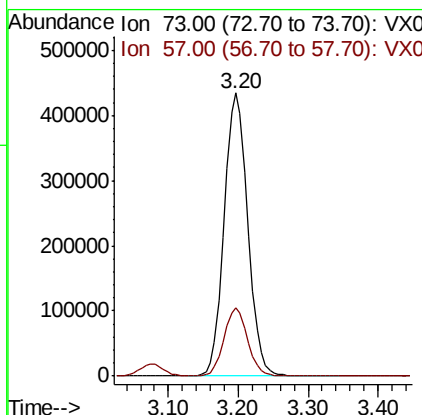
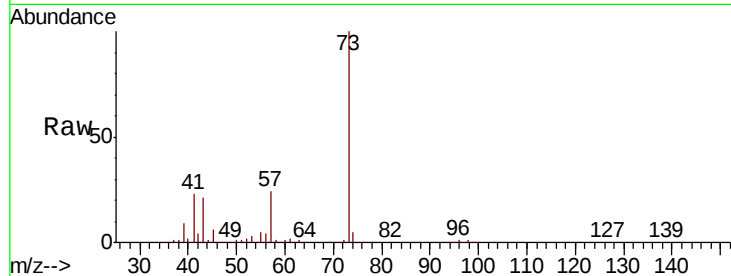




#19
Methyl tert-butyl Ether
Concen: 143.532 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

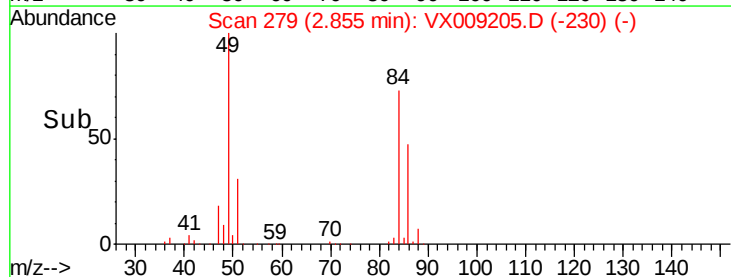
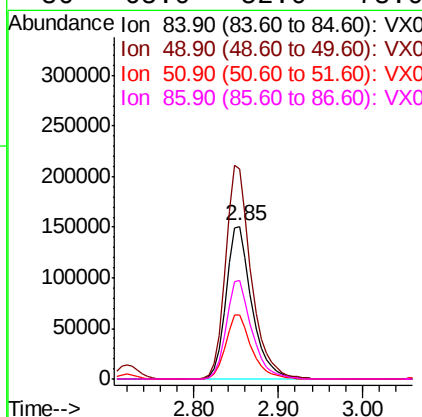
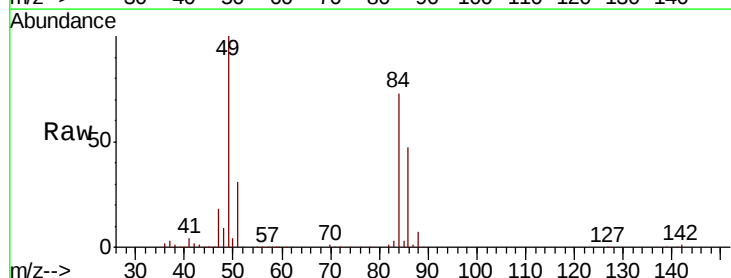
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

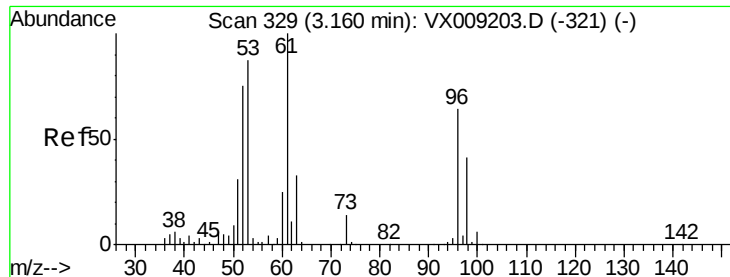
Tgt Ion: 73 Resp: 1016548
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 135.458 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 84 Resp: 314980
Ion Ratio Lower Upper
84 100
49 137.5 109.9 164.9
51 42.2 32.7 49.1
86 65.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 134.621 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

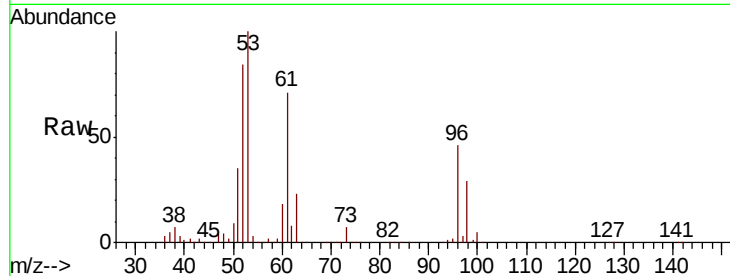
Tgt Ion: 96 Resp: 283813

Ion Ratio Lower Upper

96 100

61 155.0 124.5 186.7

98 63.9 50.4 75.6

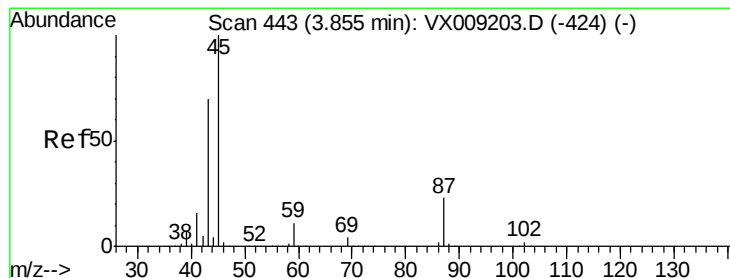
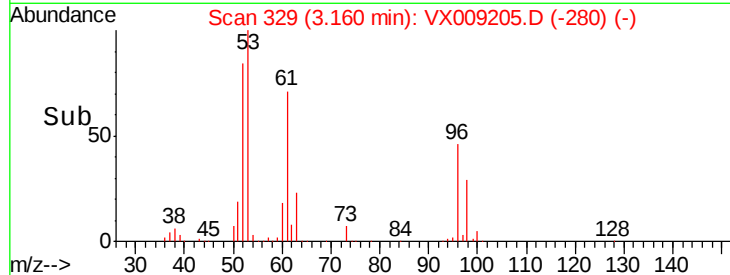
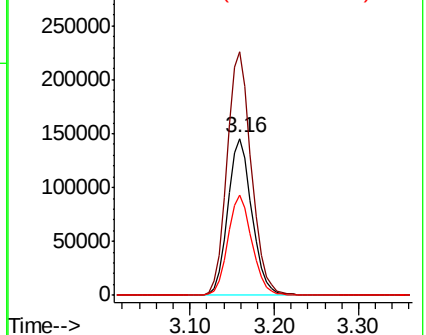


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 142.862 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Tgt Ion: 45 Resp: 1206523

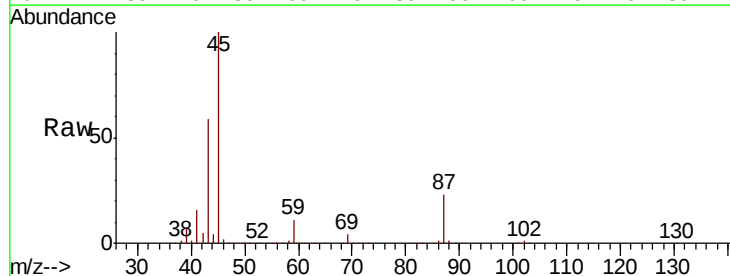
Ion Ratio Lower Upper

45 100

43 59.4 56.1 84.1

87 23.2 18.1 27.1

59 10.7 8.5 12.7



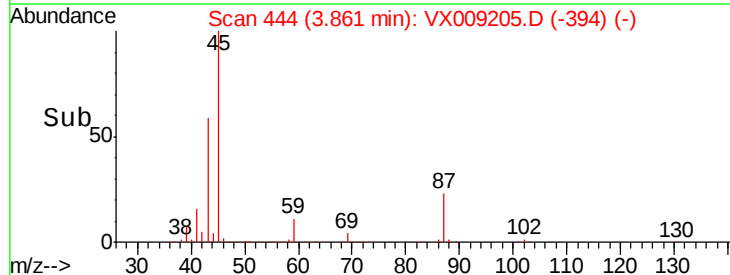
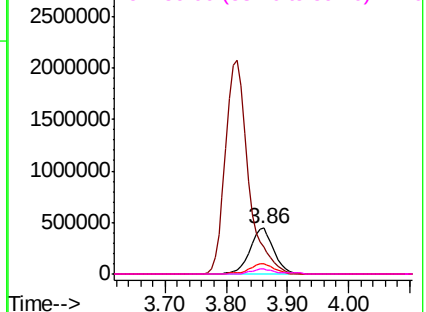
Abundance

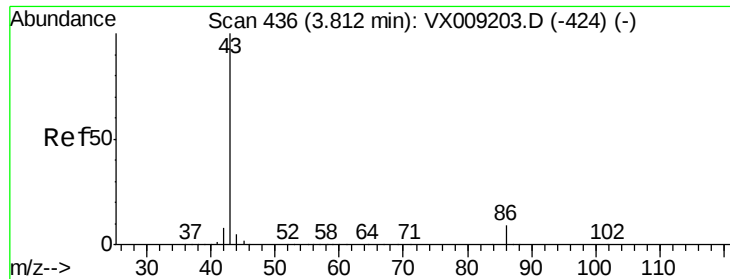
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 730.727 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

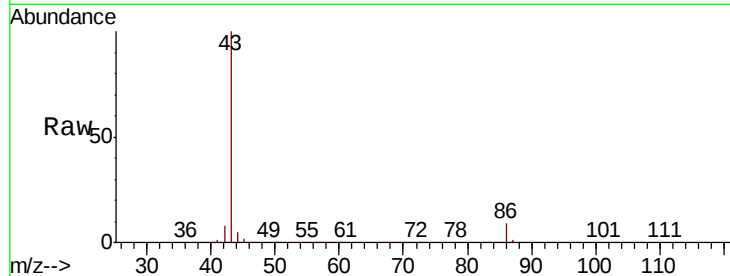
VSTDIC150

Tgt Ion: 43 Resp: 5395096

Ion Ratio Lower Upper

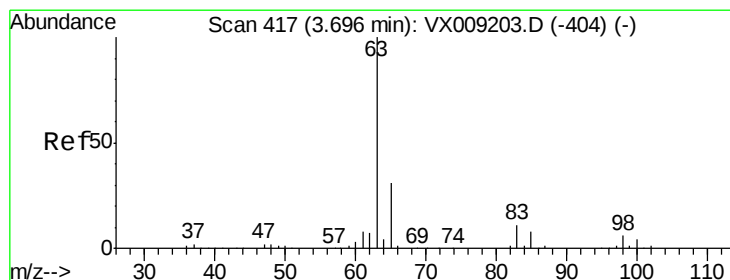
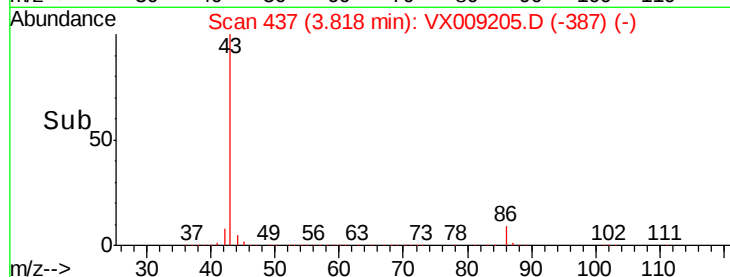
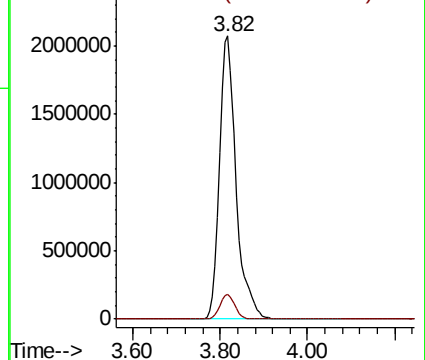
43 100

86 8.9 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 141.333 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

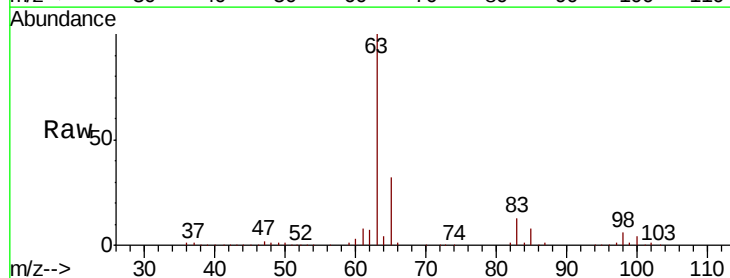
Tgt Ion: 63 Resp: 597877

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

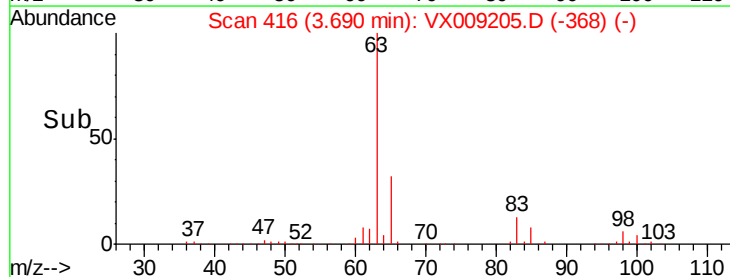
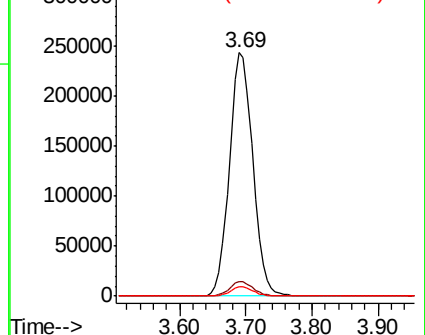
100 3.8 2.0 6.0

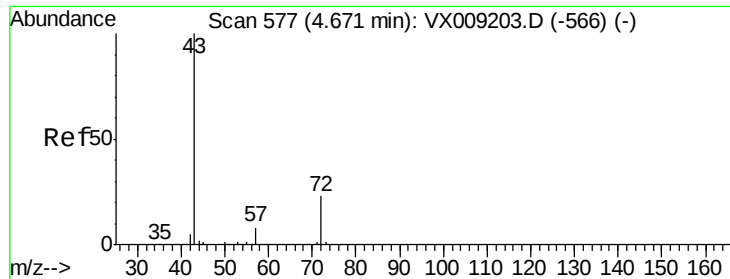


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 732.270 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

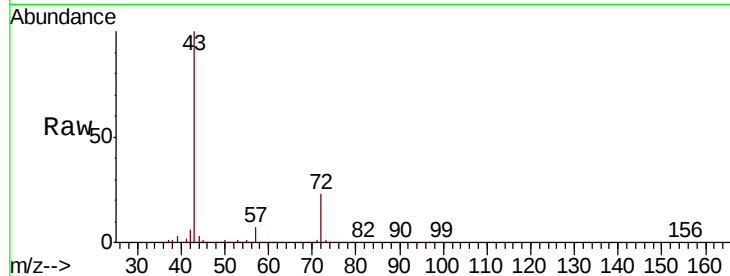
VSTDIC150

Tgt Ion: 43 Resp: 1585051

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

600000

500000

400000

300000

200000

100000

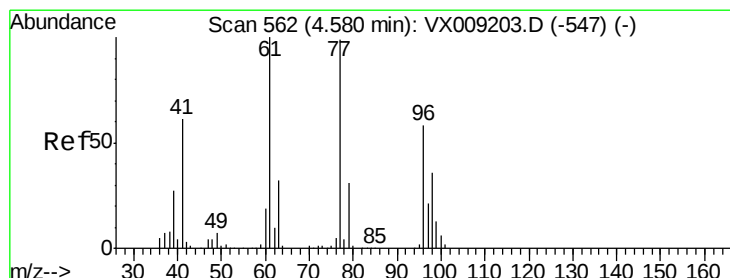
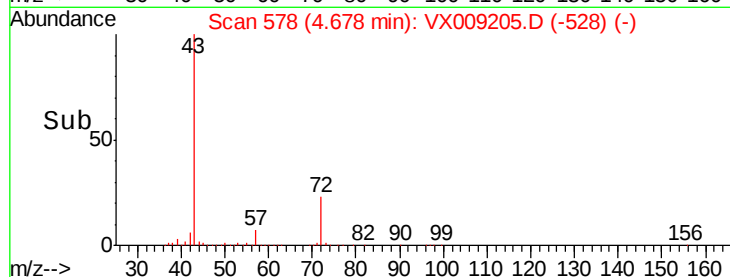
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 144.806 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009205.D

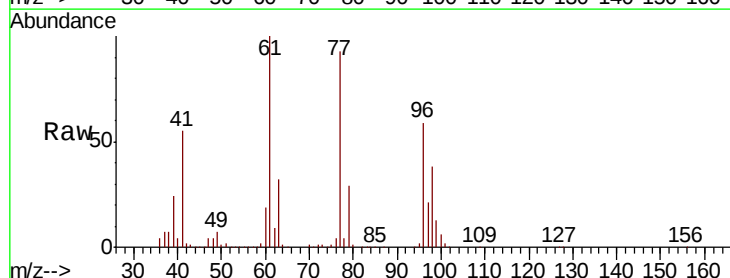
Acq: 29 Apr 2019 13:43

Tgt Ion: 77 Resp: 459417

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

150000

100000

50000

0

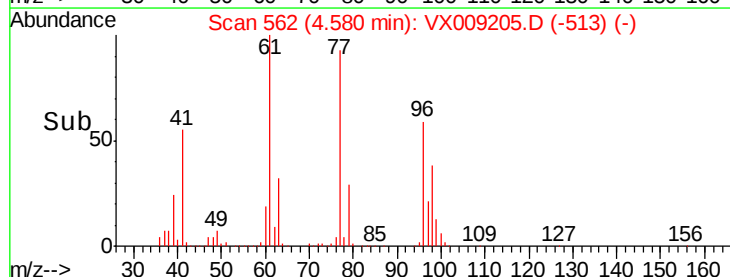
4.40

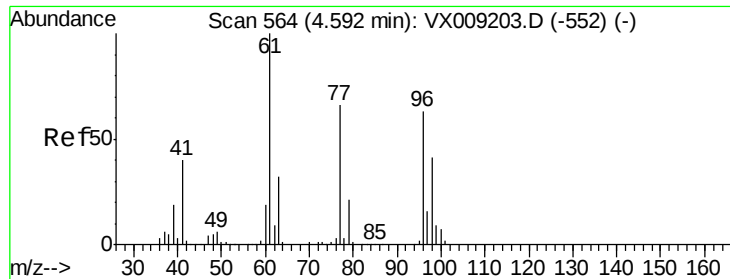
4.50

4.60

4.70

Time-->



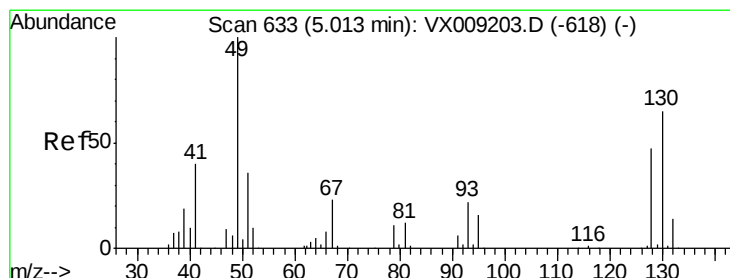
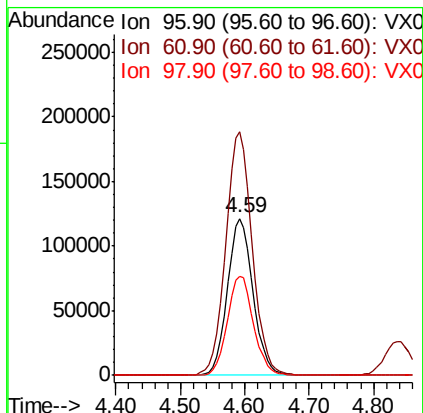
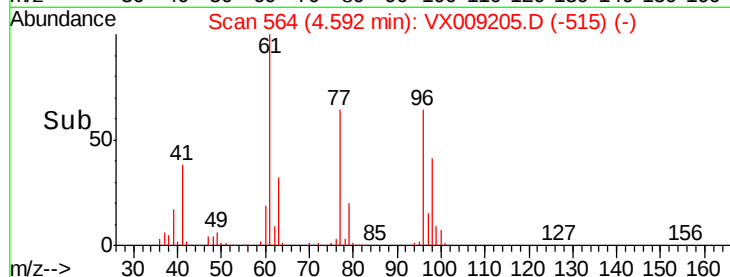
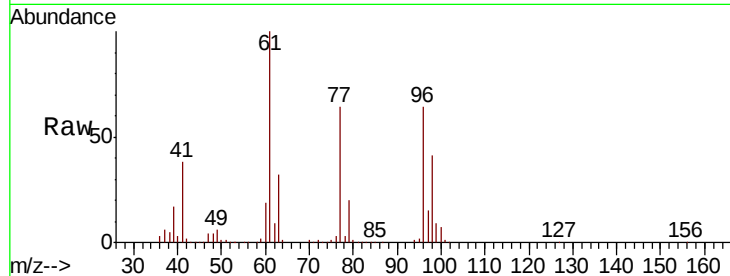


#27

cis-1,2-Dichloroethene
Concen: 140.634 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

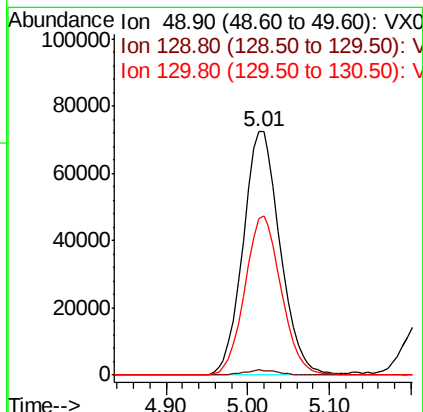
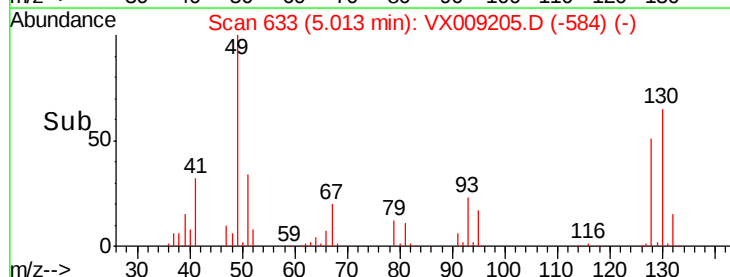
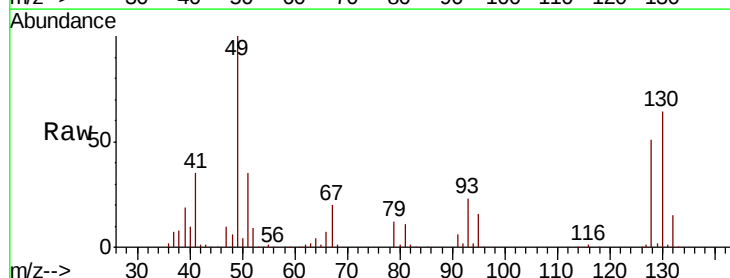
Tgt Ion: 96 Resp: 337948
Ion Ratio Lower Upper
96 100
61 160.9 0.0 324.0
98 64.6 0.0 130.4

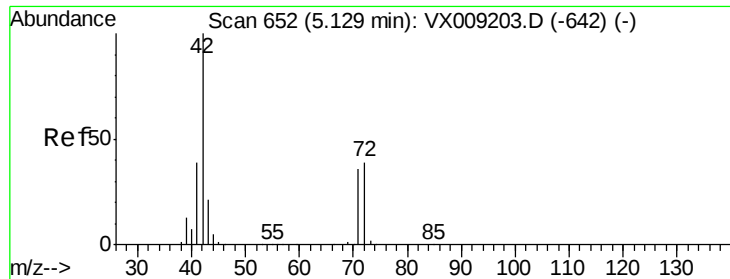


#28

Bromochloromethane
Concen: 115.326 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 49 Resp: 229313
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 64.2 51.2 76.8

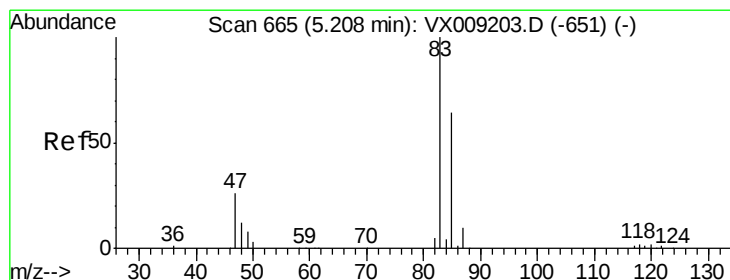
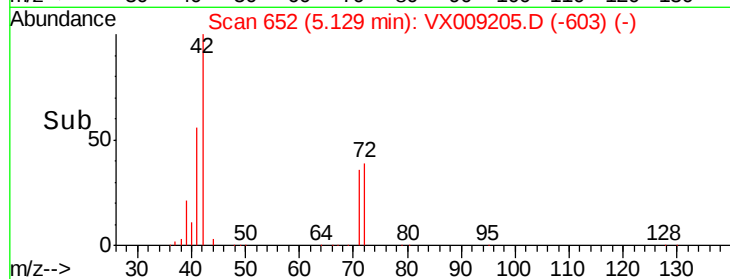
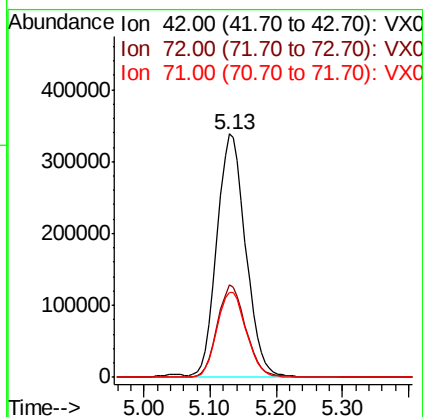
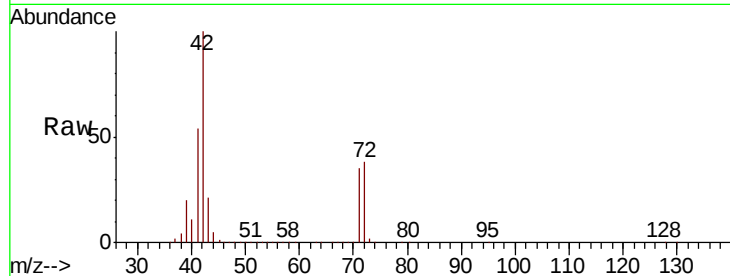




#29
Tetrahydrofuran
Concen: 703.624 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

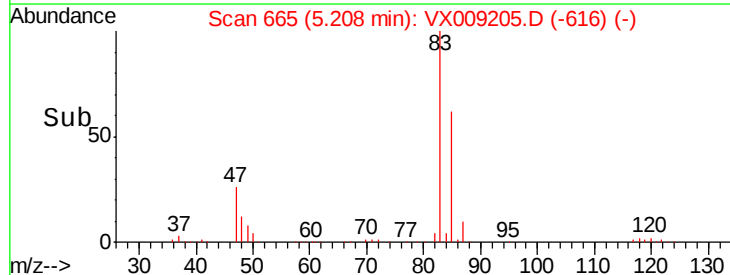
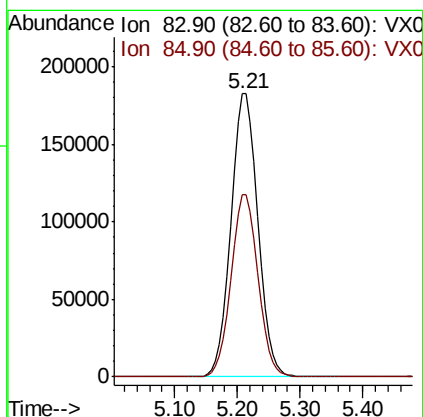
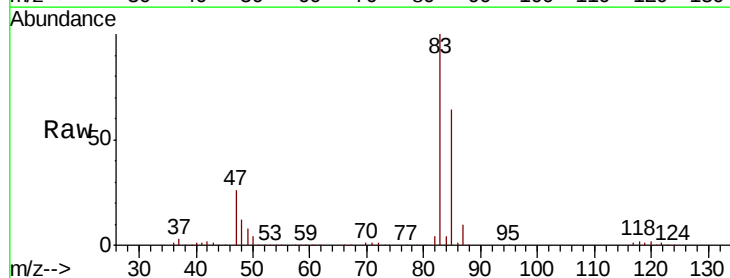
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

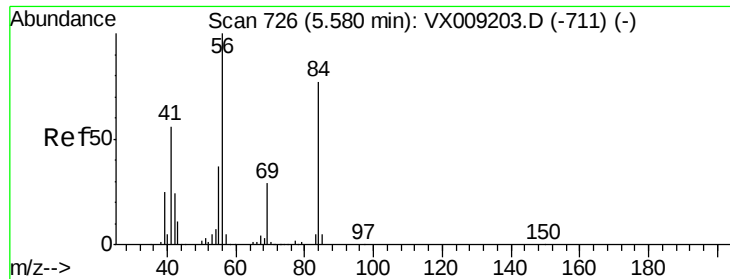
Tgt Ion: 42 Resp: 1018381
Ion Ratio Lower Upper
42 100
72 38.0 30.4 45.6
71 35.6 28.6 43.0



#30
Chloroform
Concen: 143.389 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 83 Resp: 543132
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3

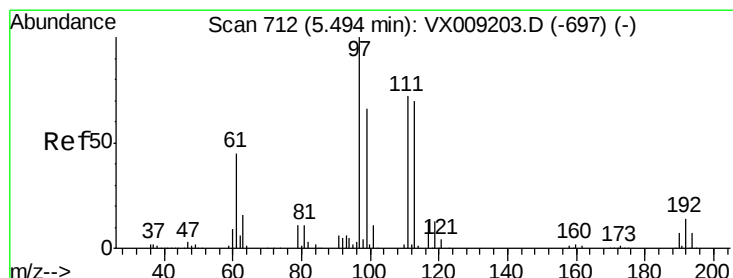
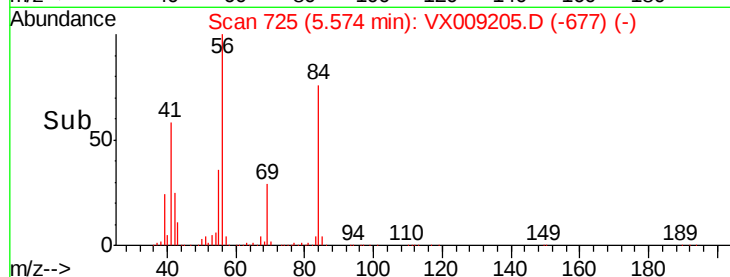
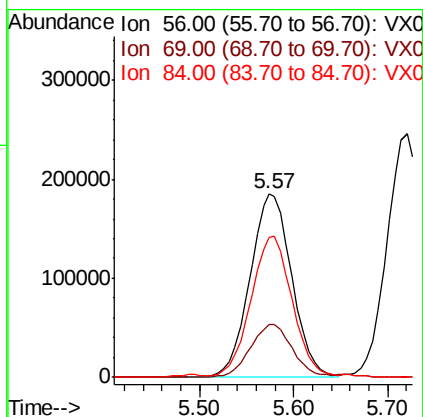
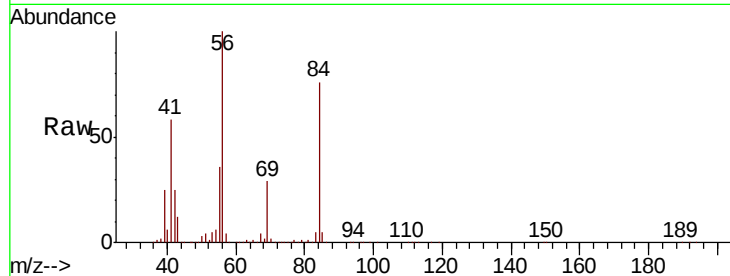




#31
Cyclohexane
Concen: 138.395 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

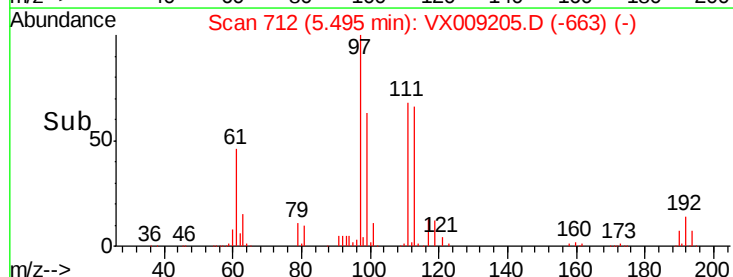
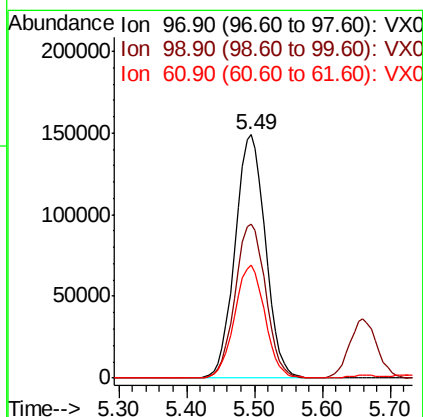
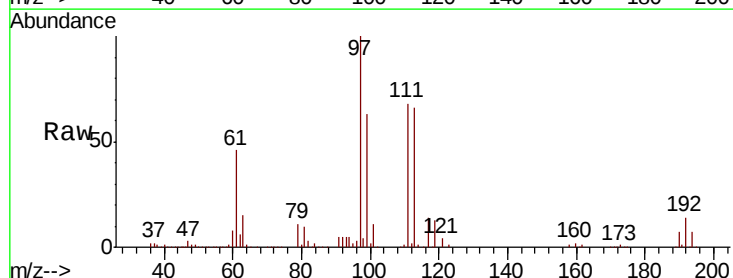
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

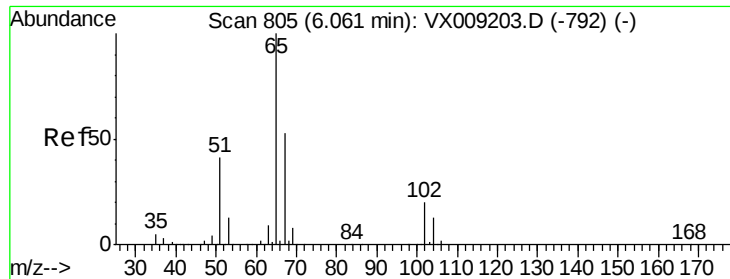
Tgt Ion: 56 Resp: 572610
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 75.1 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 147.247 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 97 Resp: 461673
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 46.6 37.8 56.8

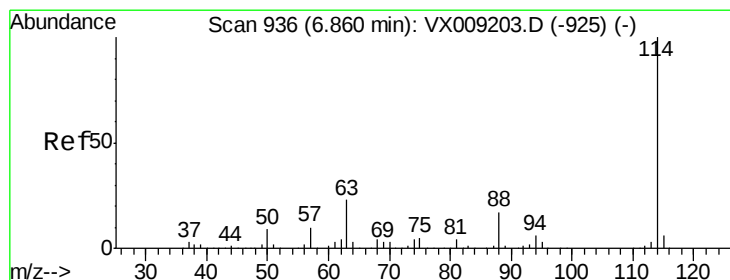
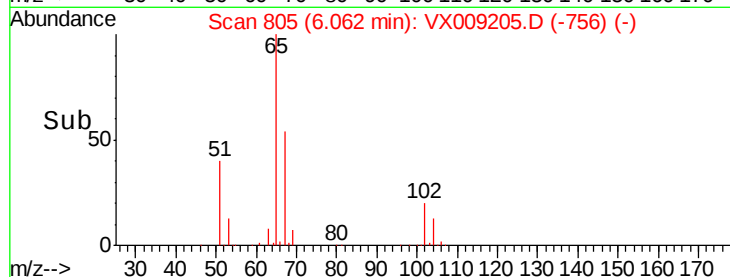
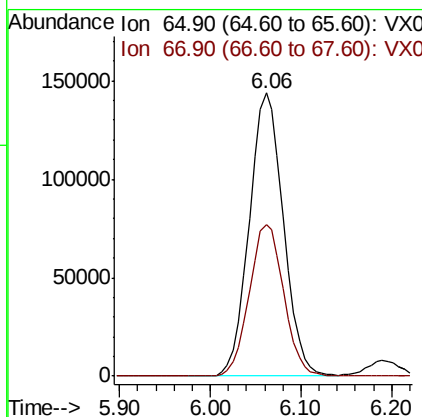
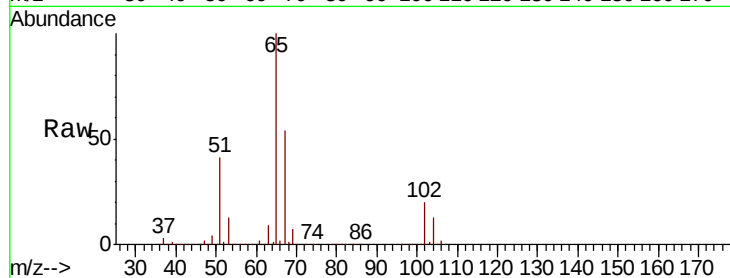




#33
 1,2-Dichloroethane-d4
 Concen: 141.816 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

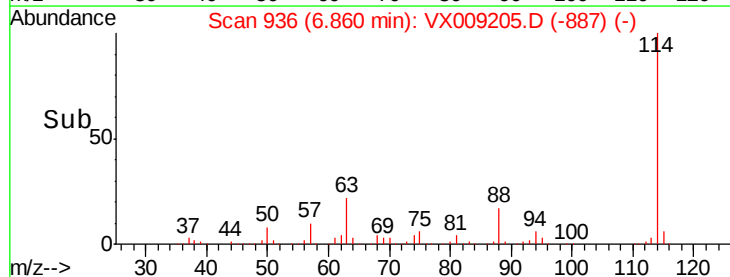
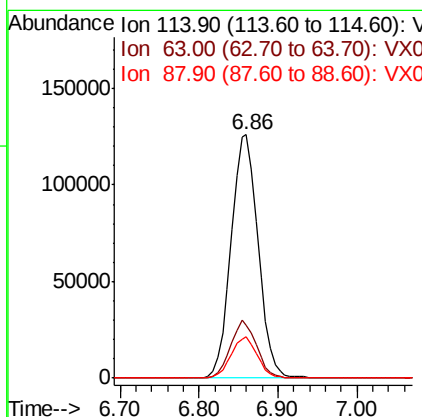
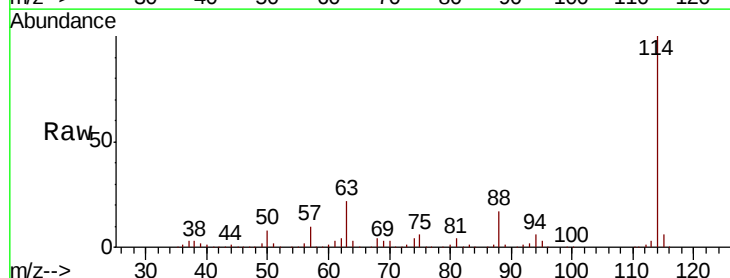
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

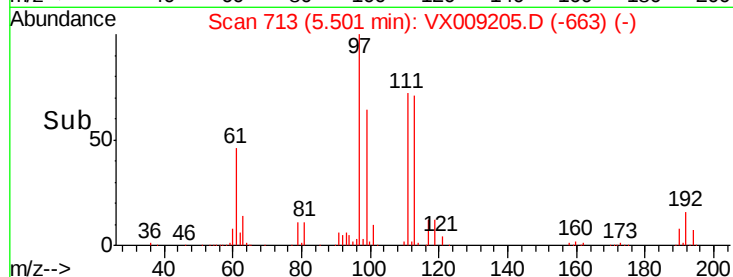
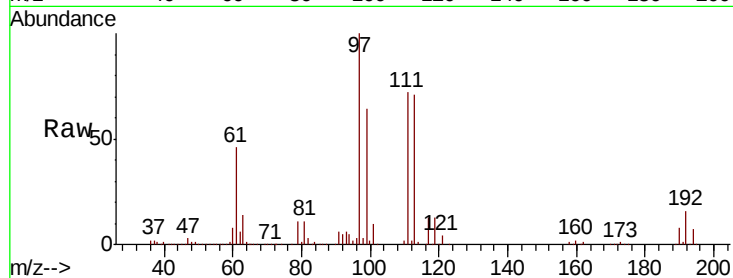
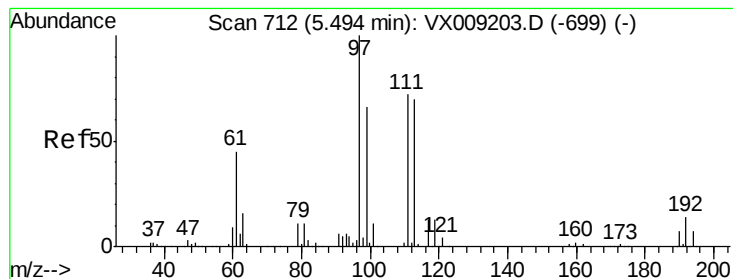
Tgt Ion: 65 Resp: 373839
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 114 Resp: 300221
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.6
 88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 144.727 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

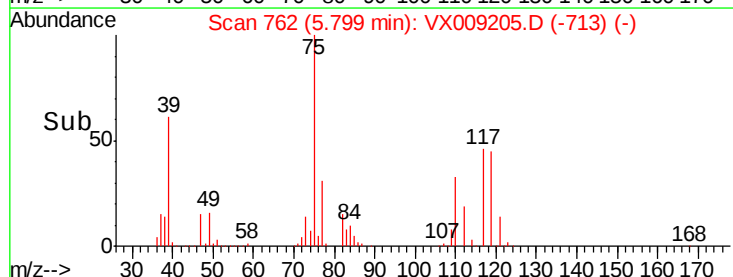
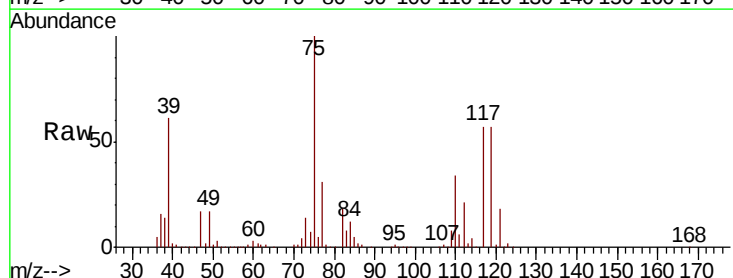
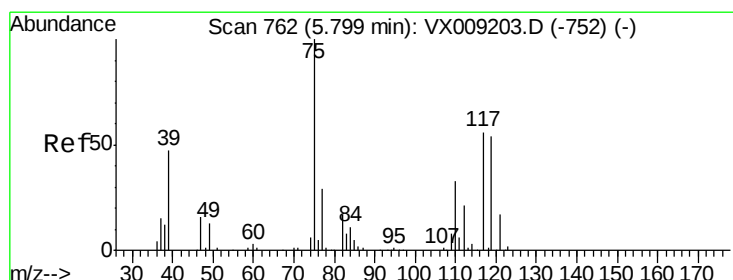
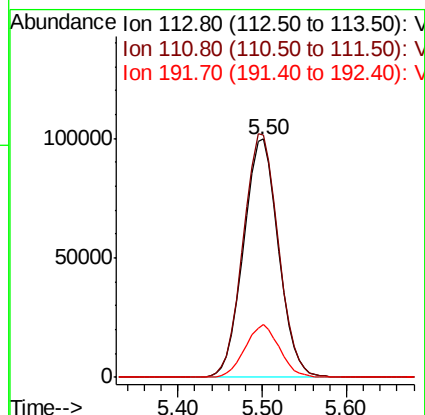
Tgt Ion:113 Resp: 279885

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 21.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 138.606 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

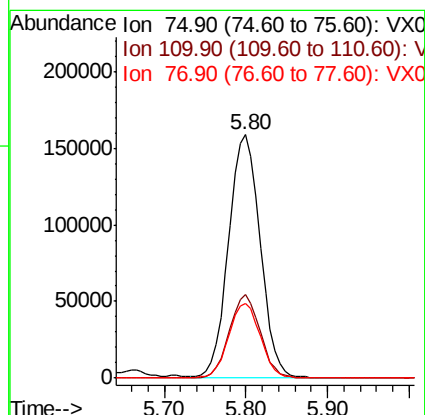
Tgt Ion: 75 Resp: 426400

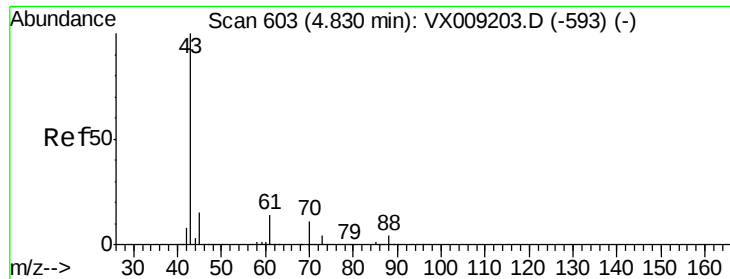
Ion Ratio Lower Upper

75 100

110 33.3 16.9 50.6

77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 147.956 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

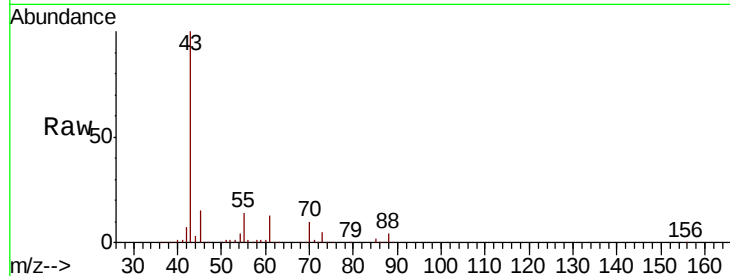
Tgt Ion: 43 Resp: 585901

Ion Ratio Lower Upper

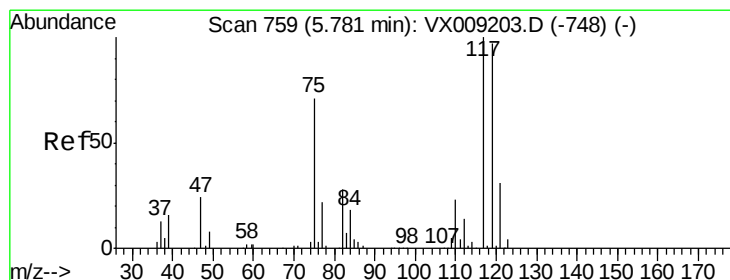
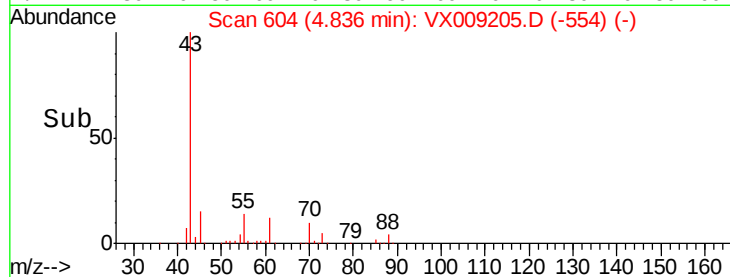
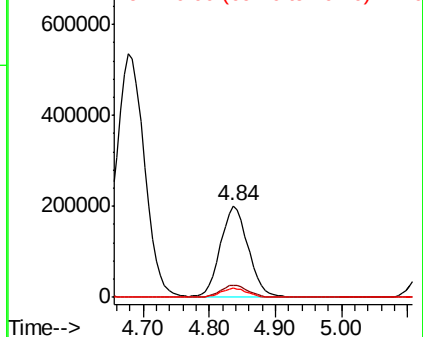
43 100

61 13.1 10.5 15.7

70 9.4 7.9 11.9



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



#38

Carbon Tetrachloride

Concen: 148.897 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

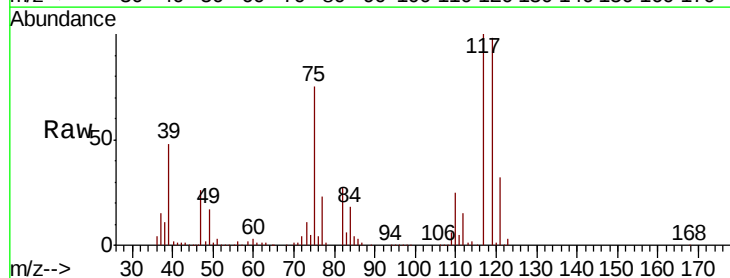
Tgt Ion: 117 Resp: 390133

Ion Ratio Lower Upper

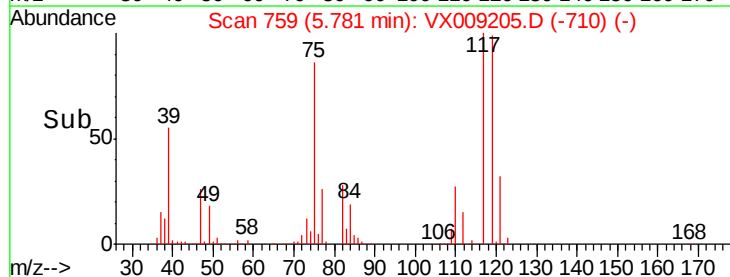
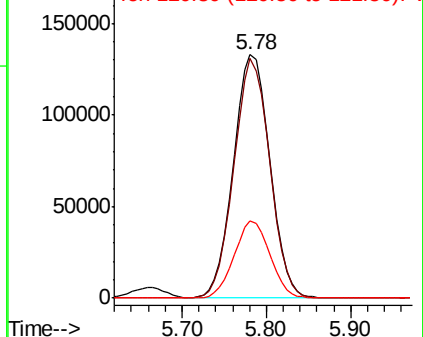
117 100

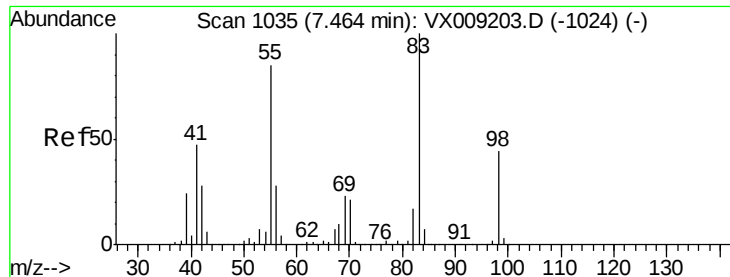
119 98.5 77.5 116.3

121 31.6 24.7 37.1



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

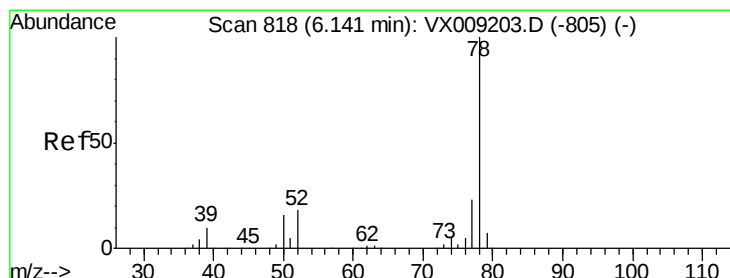
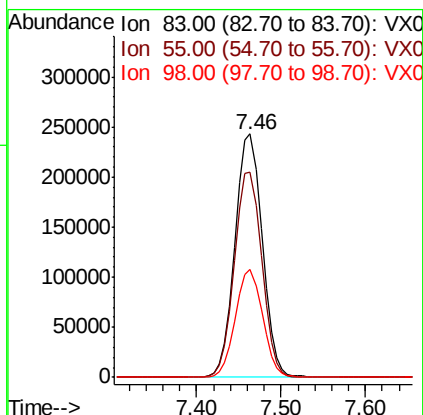
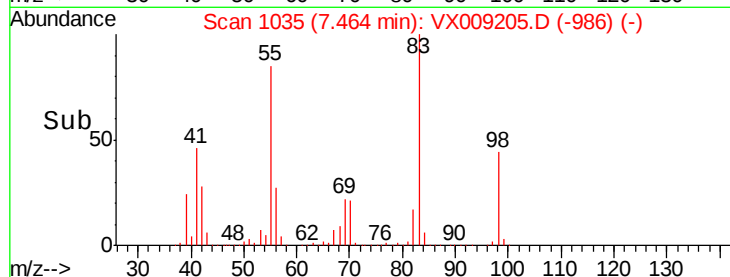
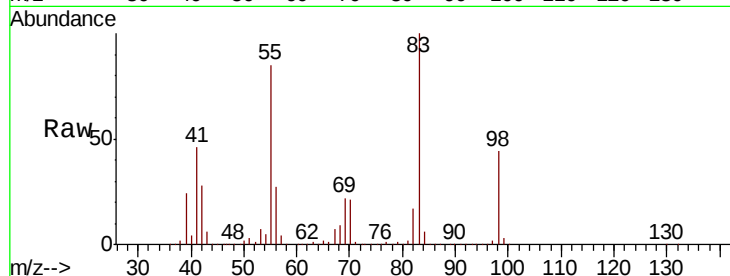




#39
Methylcyclohexane
Concen: 142.264 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

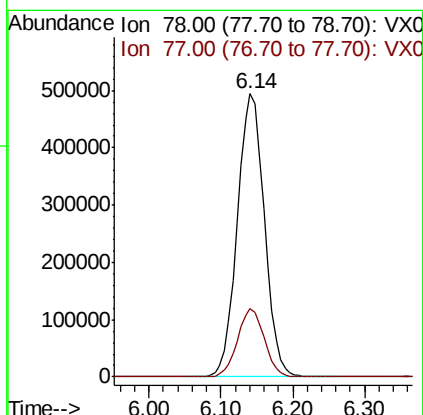
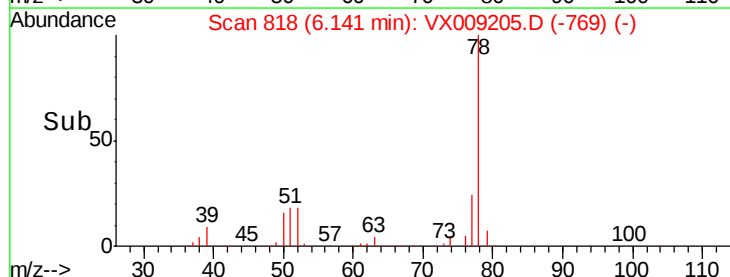
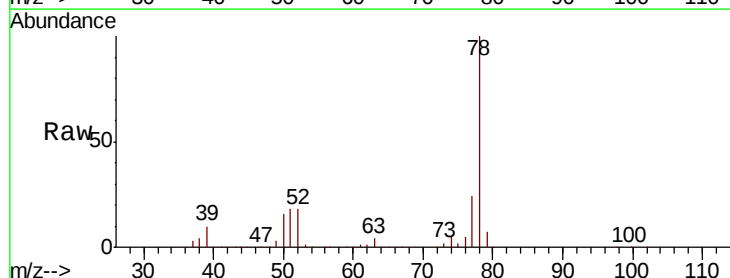
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

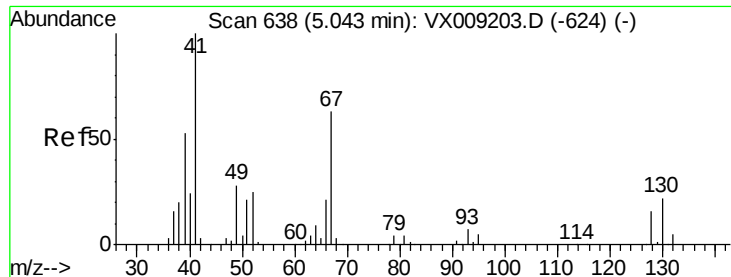
Tgt Ion: 83 Resp: 532208
Ion Ratio Lower Upper
83 100
55 84.5 67.7 101.5
98 44.3 35.5 53.3



#40
Benzene
Concen: 141.757 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 78 Resp: 1290706
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41

Methacrylonitrile

Concen: 146.016 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 333606

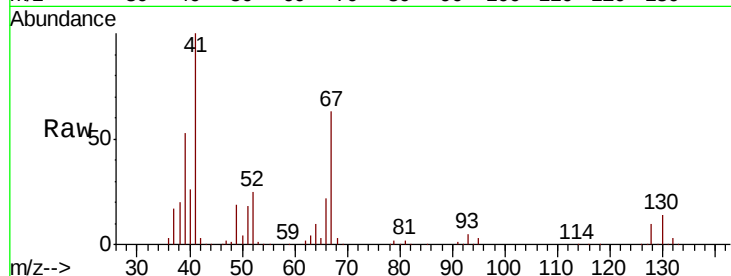
Ion Ratio Lower Upper

41 100

39 52.8 42.0 63.0

67 63.7 49.8 74.8

52 26.0 20.3 30.5

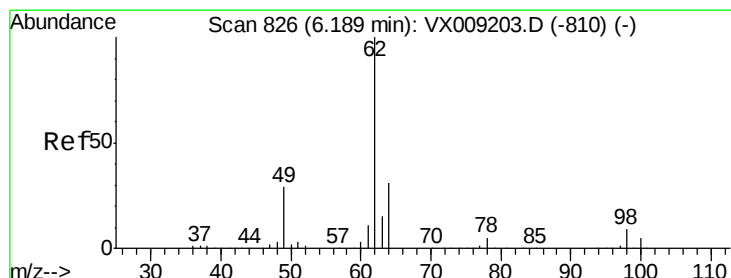
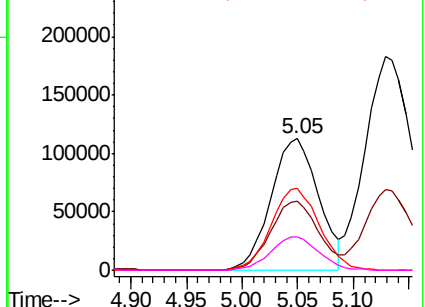
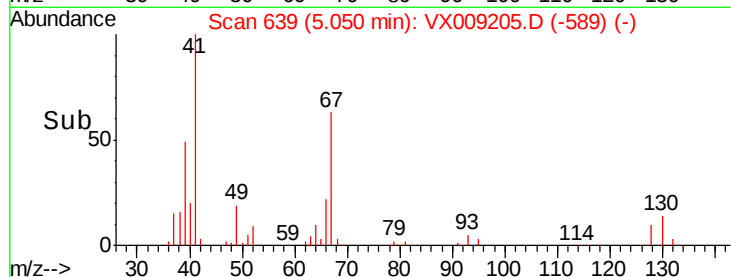


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 141.518 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009205.D

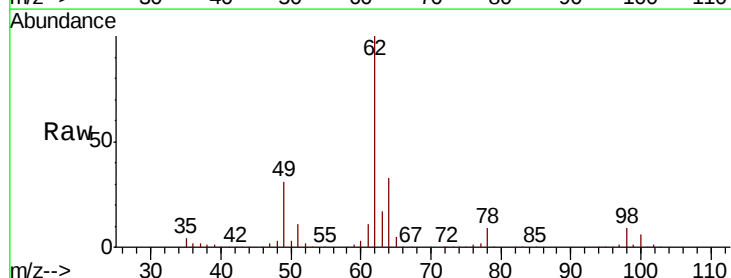
Acq: 29 Apr 2019 13:43

Tgt Ion: 62 Resp: 456554

Ion Ratio Lower Upper

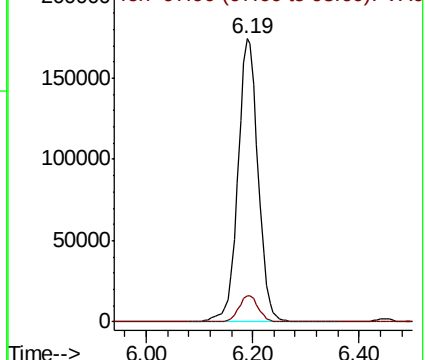
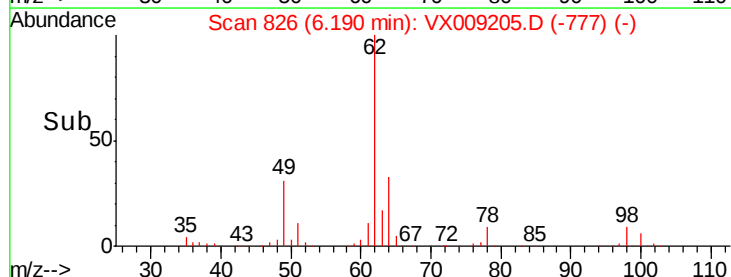
62 100

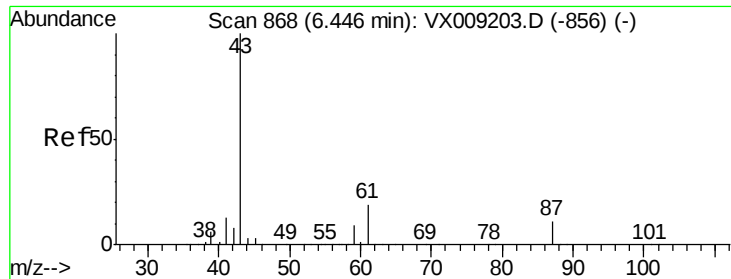
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 151.510 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

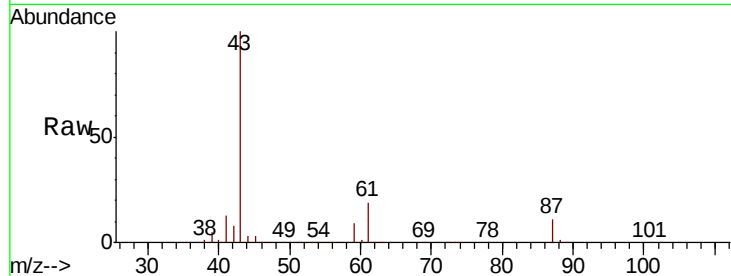
Tgt Ion: 43 Resp: 970338

Ion Ratio Lower Upper

43 100

61 19.0 15.1 22.7

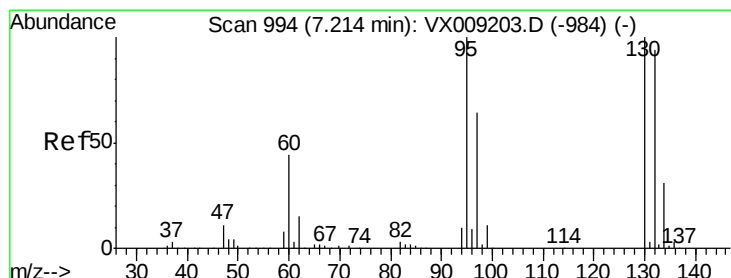
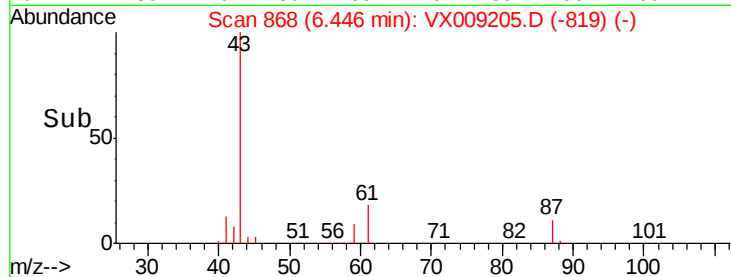
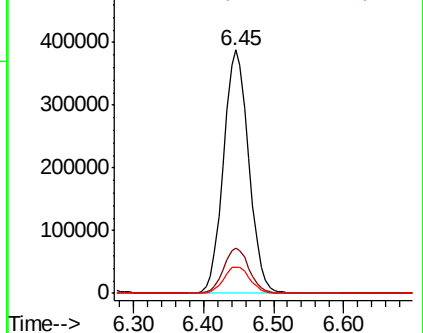
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 141.039 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009205.D

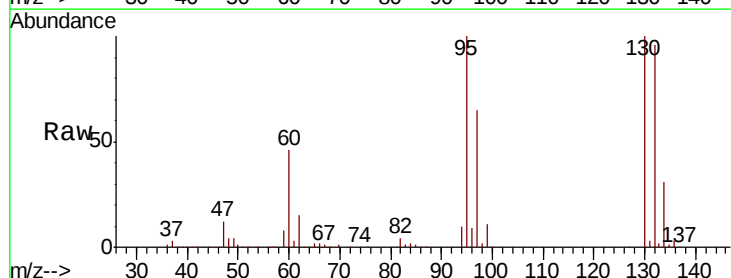
Acq: 29 Apr 2019 13:43

Tgt Ion: 130 Resp: 314227

Ion Ratio Lower Upper

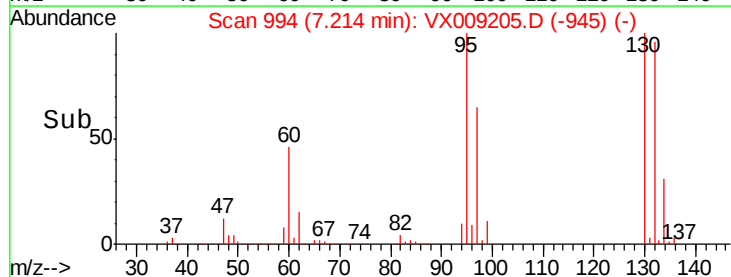
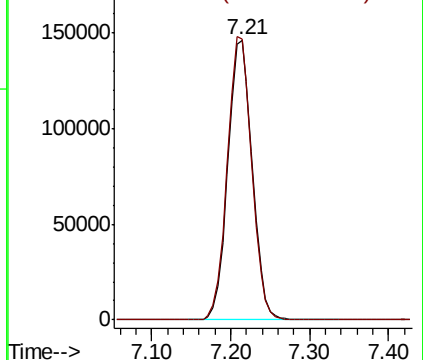
130 100

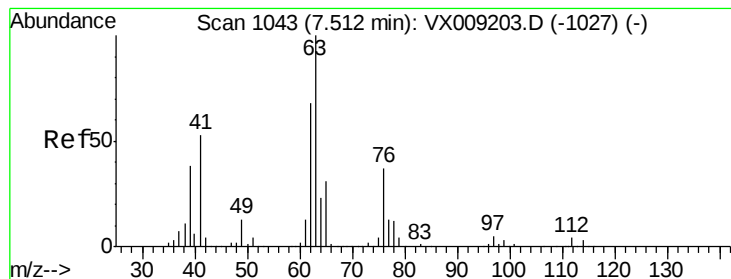
95 100.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 146.613 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

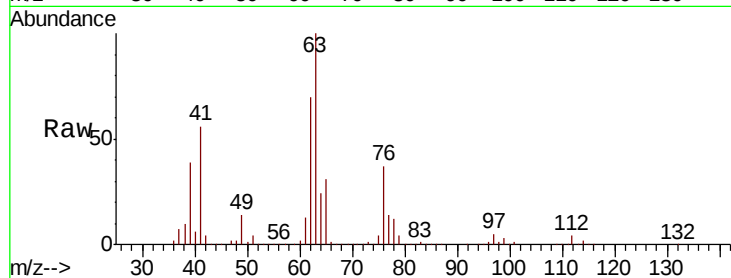
VSTDIC150

Tgt Ion: 63 Resp: 370941

Ion Ratio Lower Upper

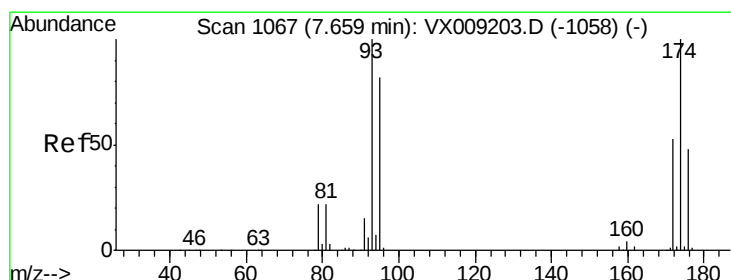
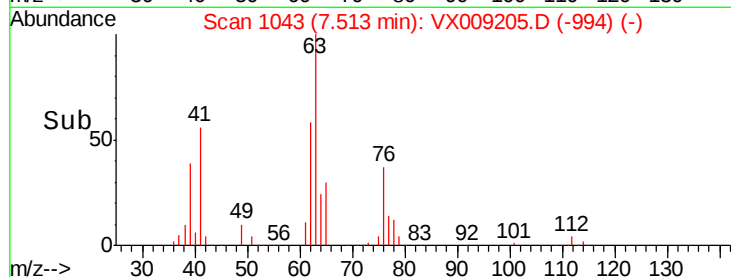
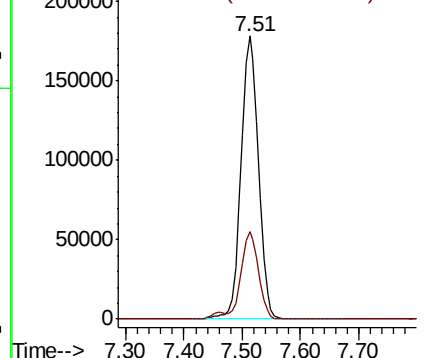
63 100

65 30.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 144.335 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

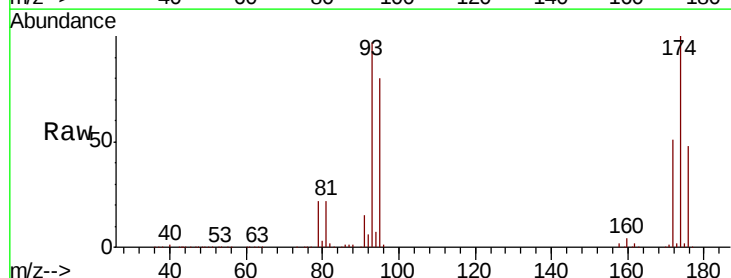
Tgt Ion: 93 Resp: 212286

Ion Ratio Lower Upper

93 100

95 82.8 66.5 99.7

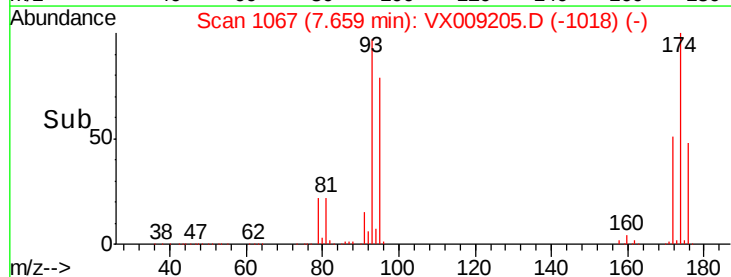
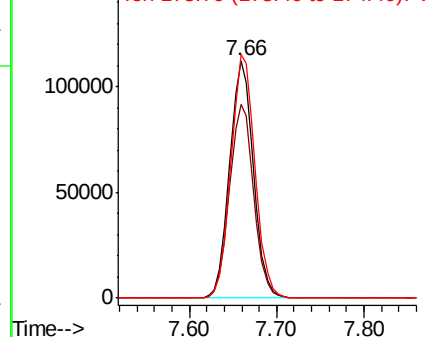
174 103.7 82.1 123.1

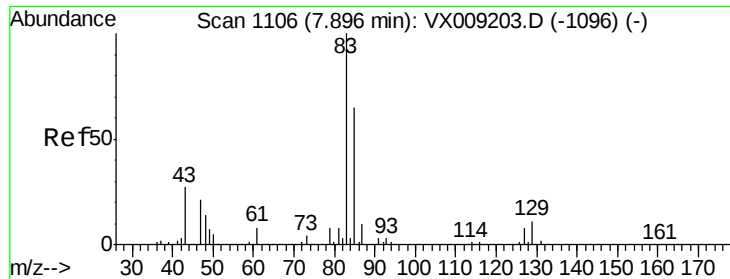


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 151.501 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

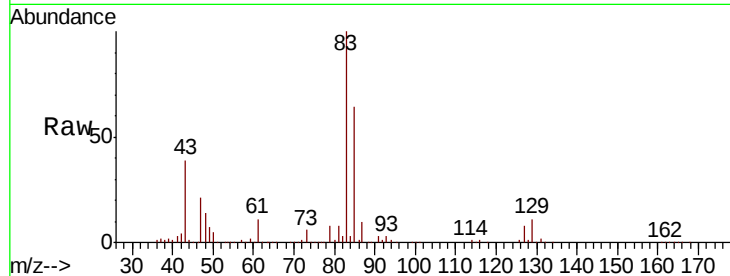
Tgt Ion: 83 Resp: 438014

Ion Ratio Lower Upper

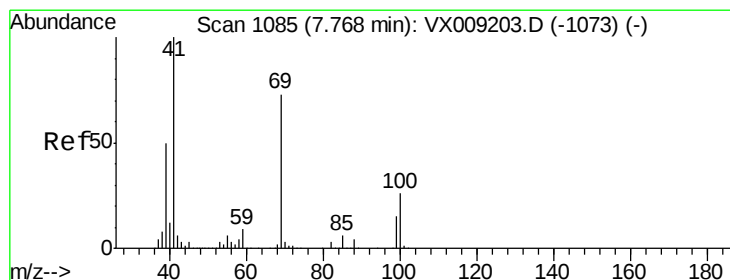
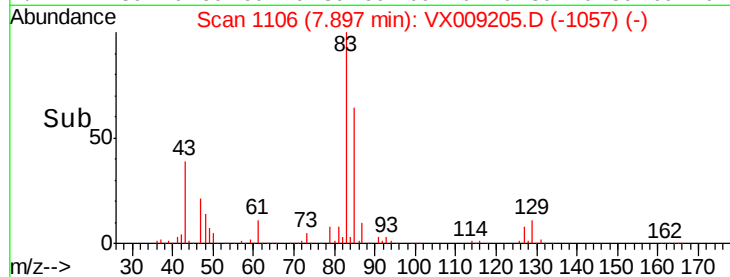
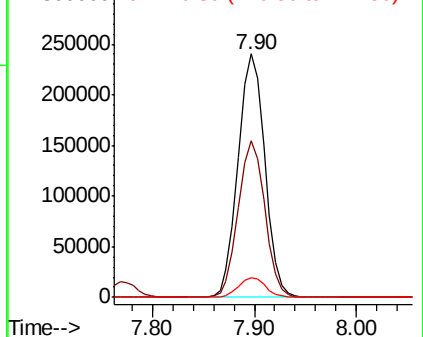
83 100

85 64.3 52.4 78.6

127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 154.288 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

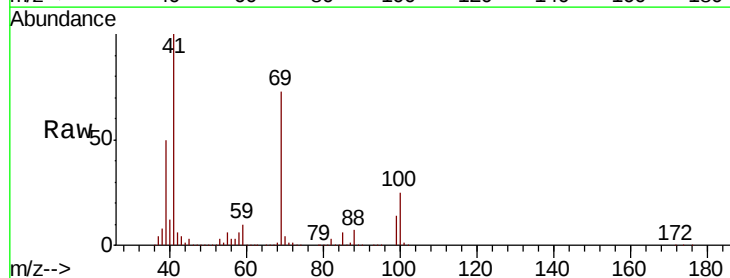
Tgt Ion: 41 Resp: 488153

Ion Ratio Lower Upper

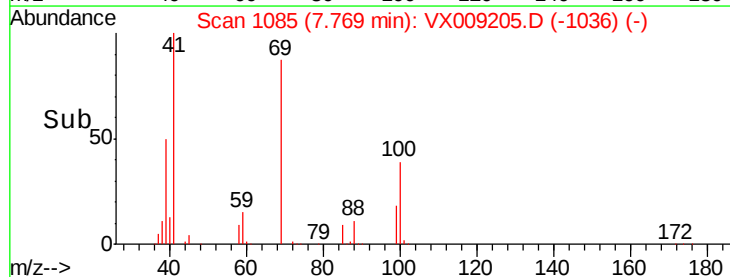
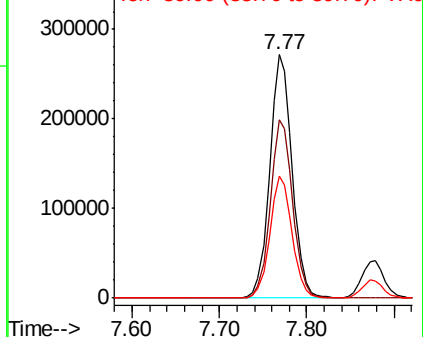
41 100

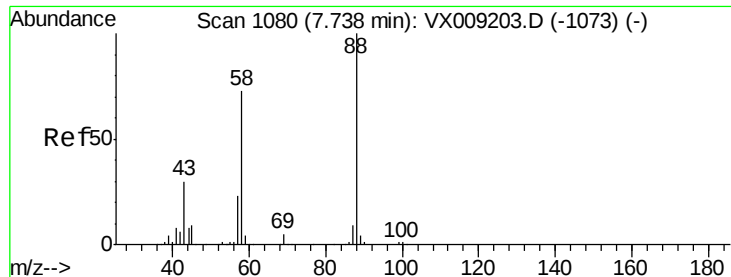
69 73.5 59.1 88.7

39 49.5 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

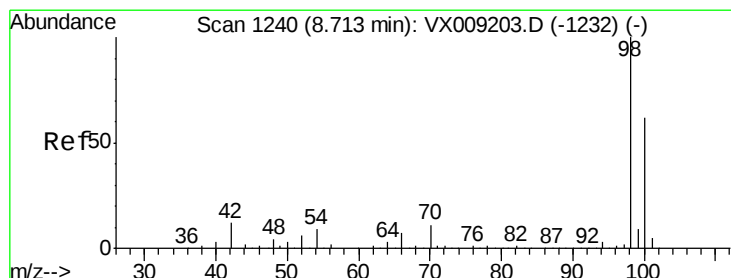
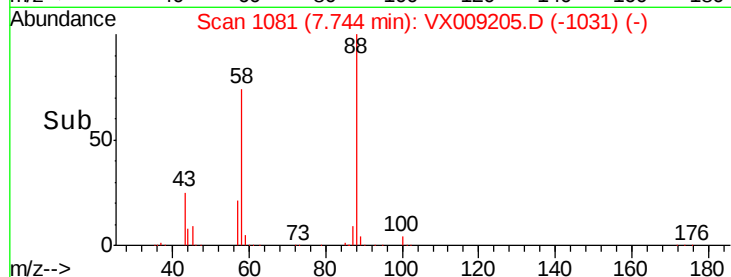
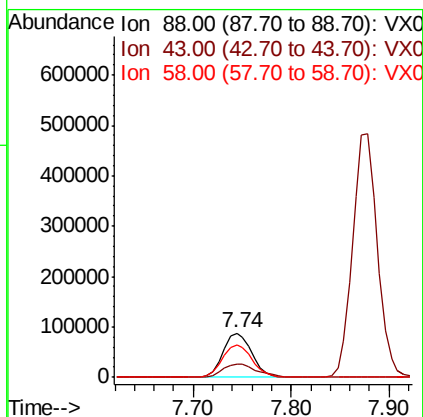
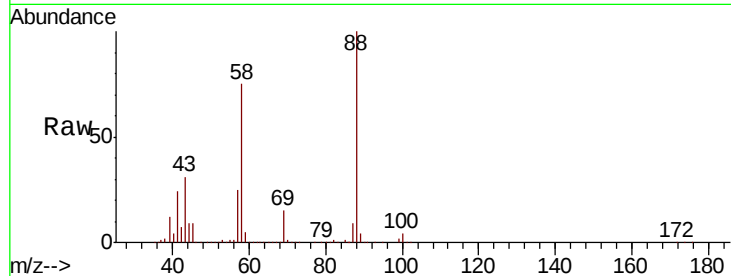




#49
1,4-Dioxane
Concen: 2945.267 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

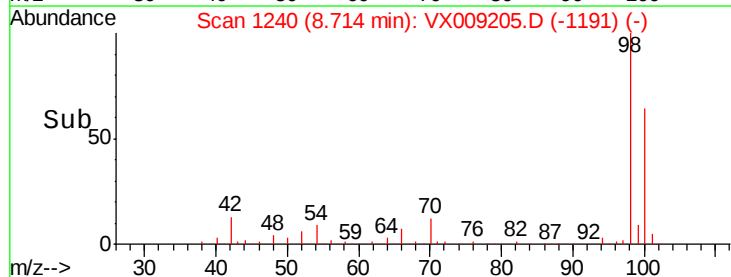
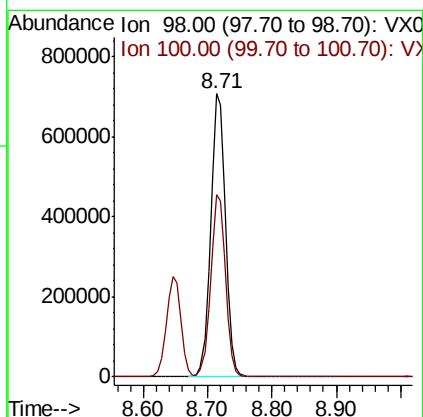
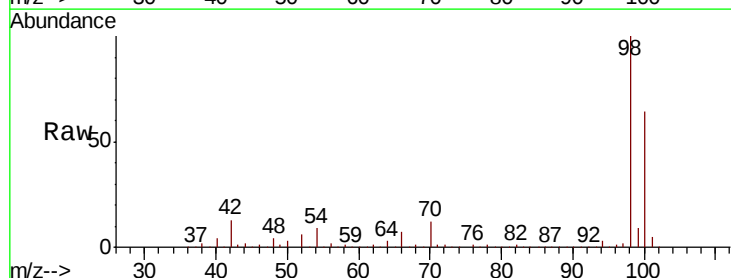
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

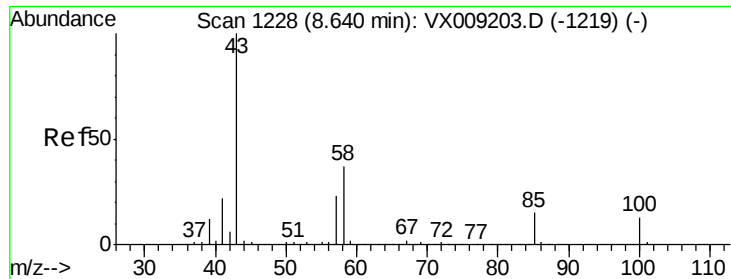
Tgt Ion: 88 Resp: 178200
Ion Ratio Lower Upper
88 100
43 36.3 28.6 42.8
58 77.2 61.7 92.5



#50
Toluene-d8
Concen: 147.084 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 98 Resp: 1136942
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8

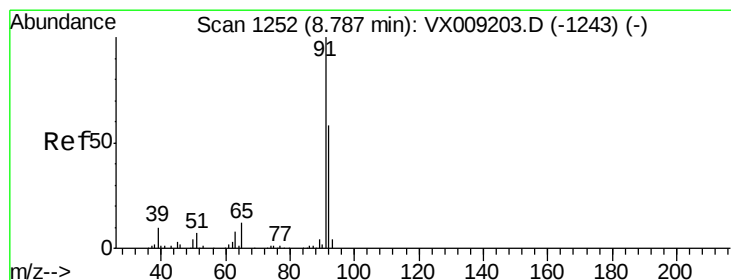
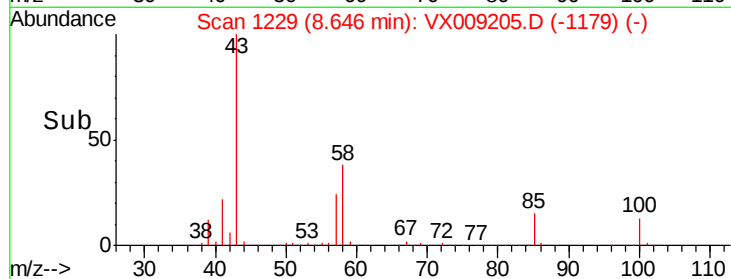
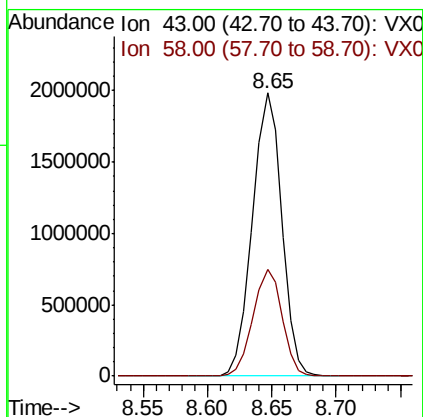
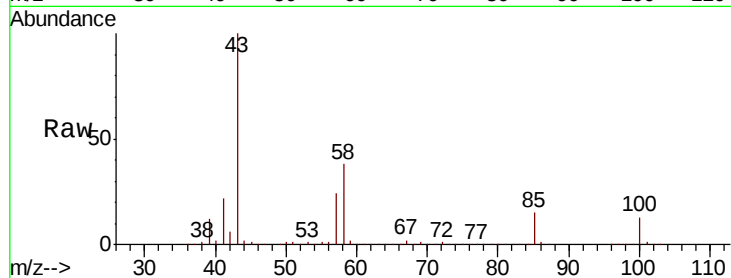




#51
 4-Methyl-2-Pentanone
 Concen: 760.906 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

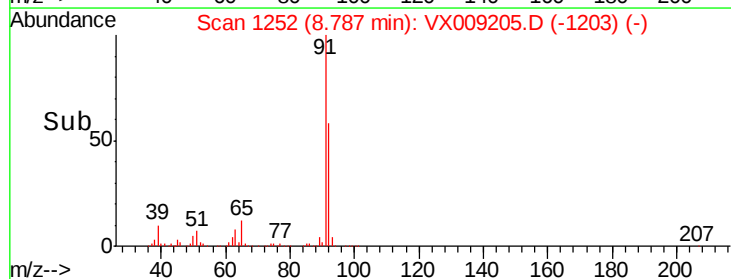
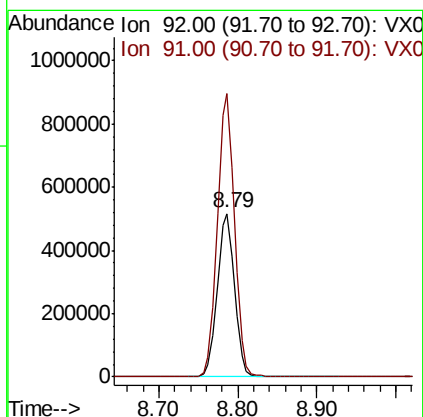
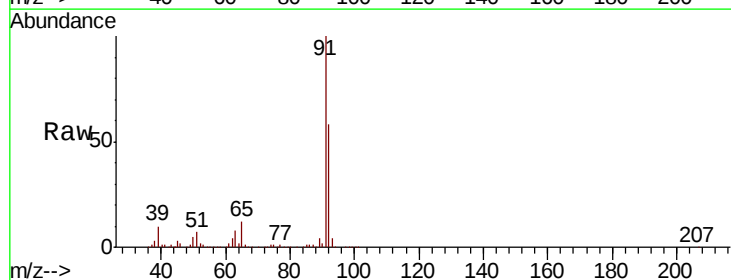
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

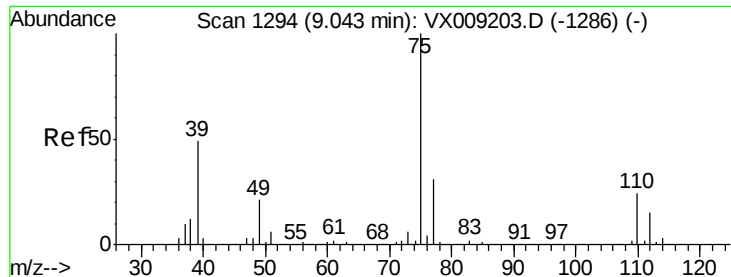
Tgt Ion: 43 Resp: 3116240
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.5 44.3



#52
 Toluene
 Concen: 143.897 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 92 Resp: 786996
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 160.982 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

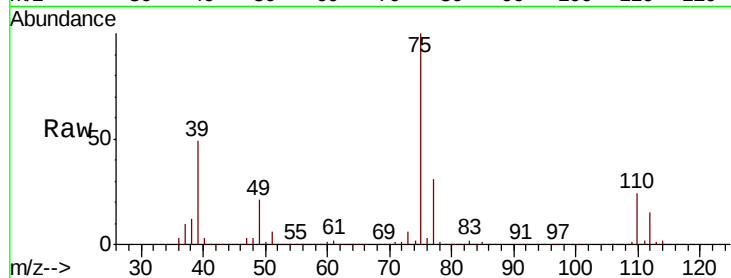
VSTDIC150

Tgt Ion: 75 Resp: 532791

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

400000

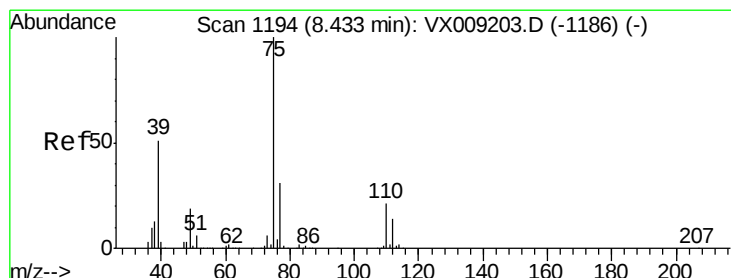
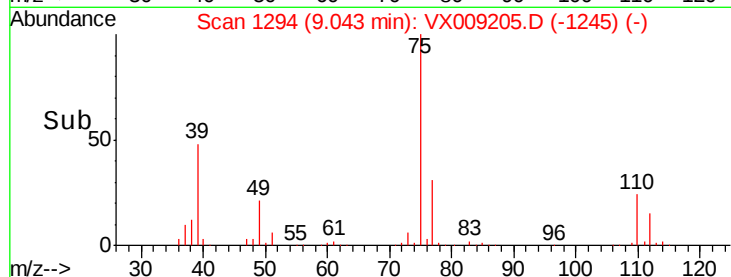
300000

200000

100000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 152.389 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

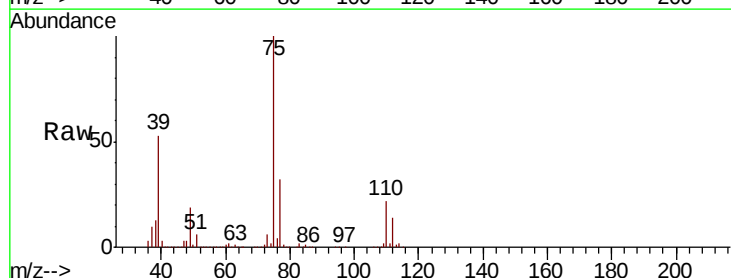
Tgt Ion: 75 Resp: 566742

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 52.6 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

500000

400000

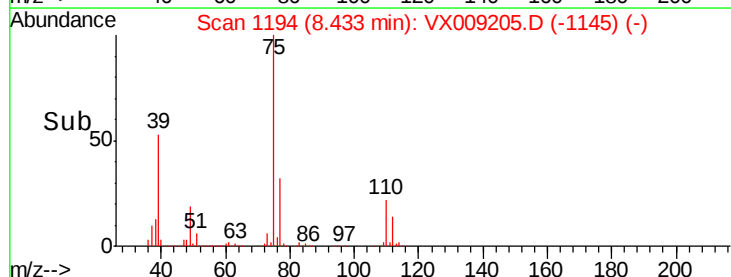
300000

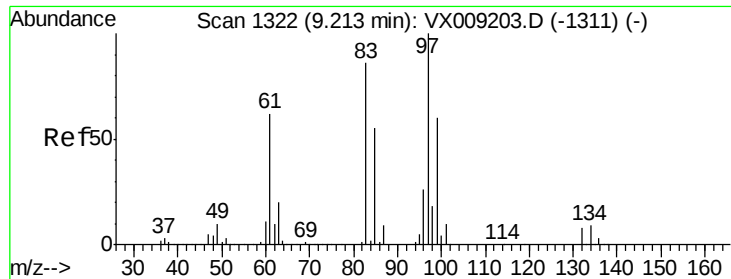
200000

100000

0

Time--> 8.30 8.40 8.50 8.60

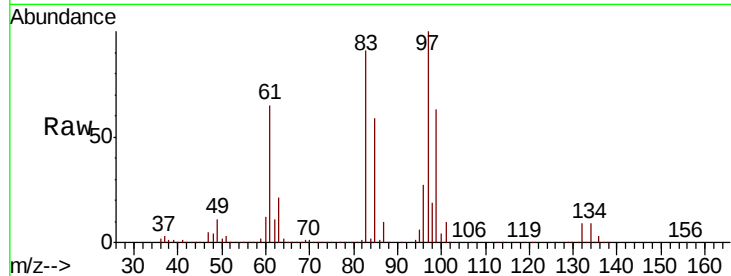




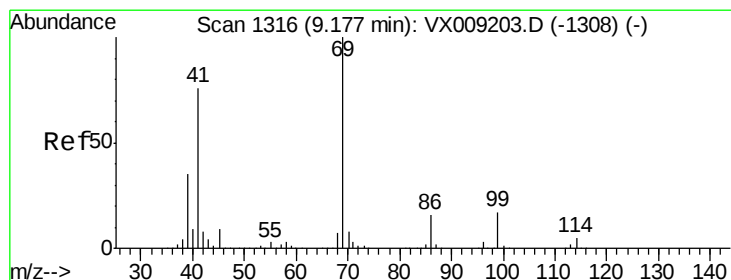
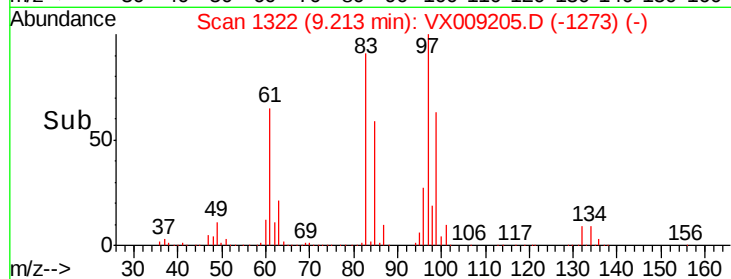
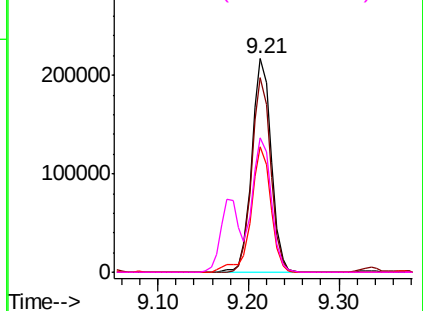
#55
 1,1,2-Trichloroethane
 Concen: 147.698 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	321018
Ion	Ratio	Lower	Upper
97	100		
83	91.1	68.9	103.3
85	58.8	43.8	65.6
99	62.8	48.2	72.2

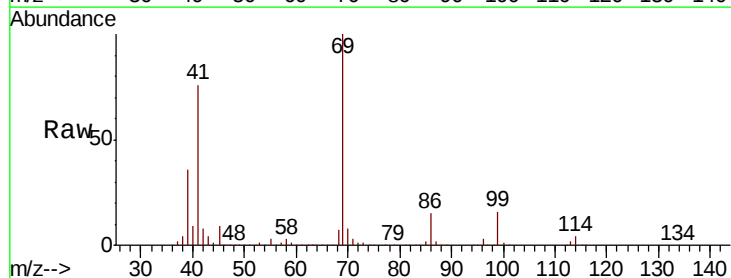


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

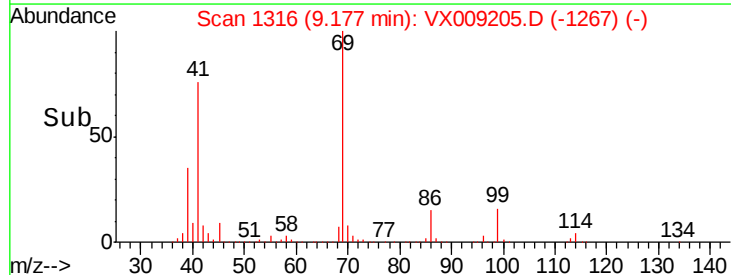
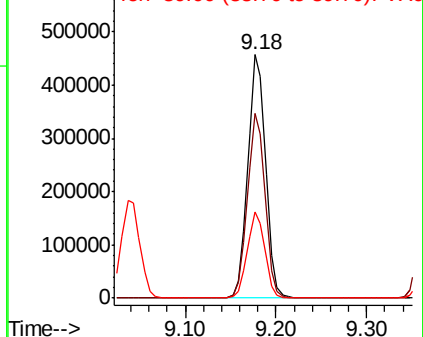


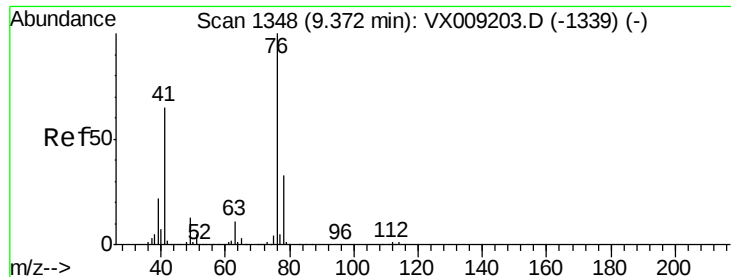
#56
 Ethyl methacrylate
 Concen: 158.993 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:	69	Resp:	618854
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.6	90.8
39	35.2	28.2	42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

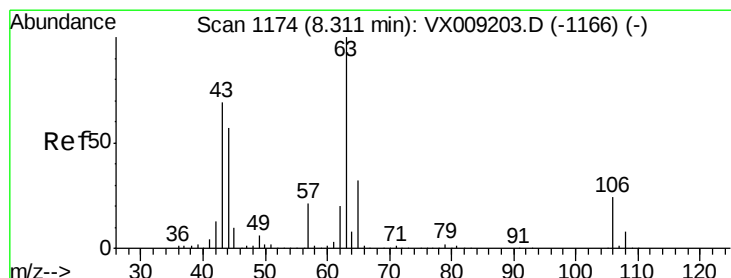
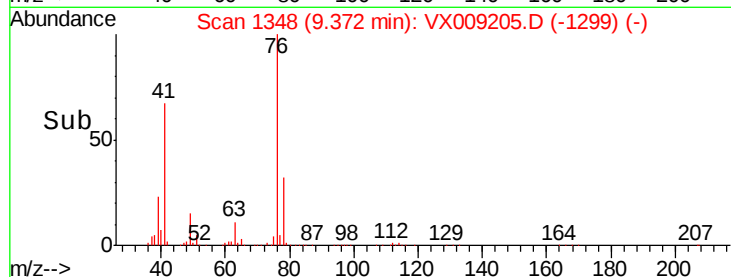
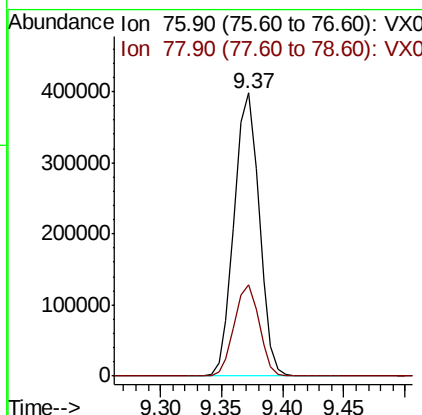
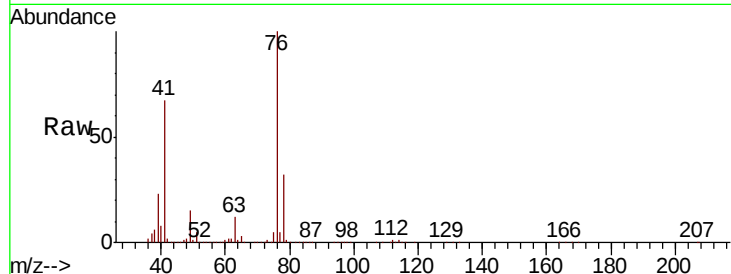




#57
 1,3-Dichloropropane
 Concen: 146.604 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

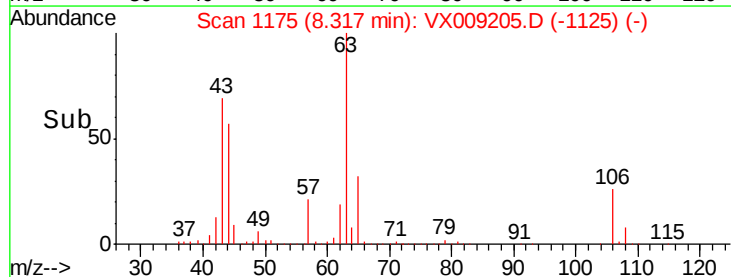
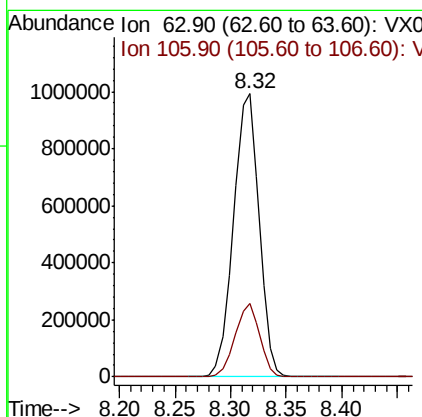
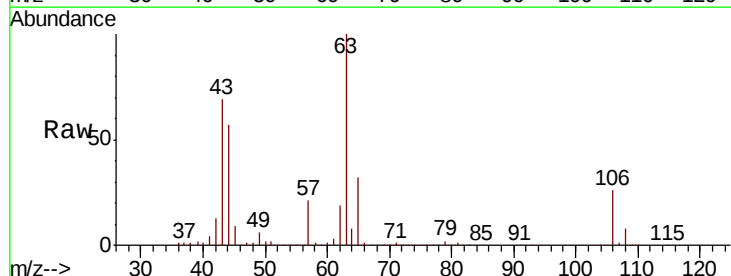
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

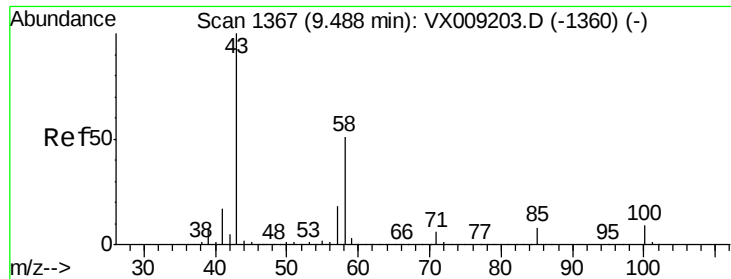
Tgt Ion: 76 Resp: 565566
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 752.730 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 63 Resp: 1582538
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.7 29.5

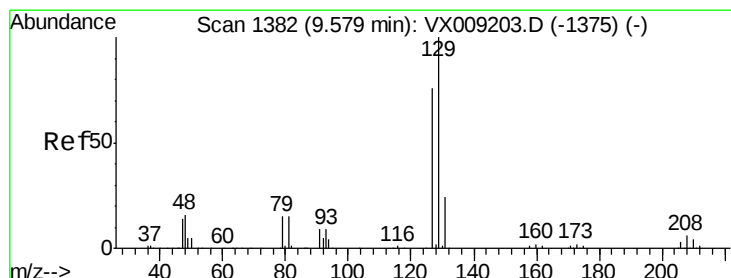
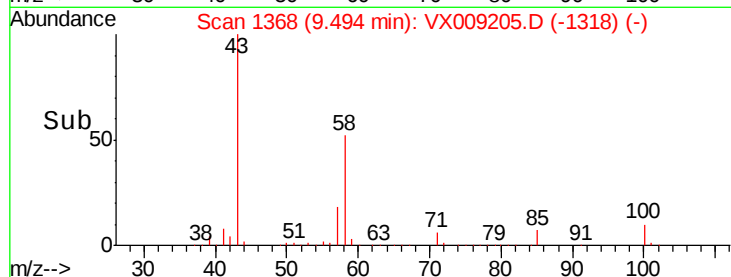
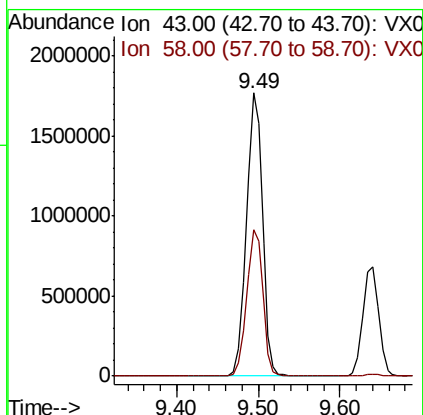
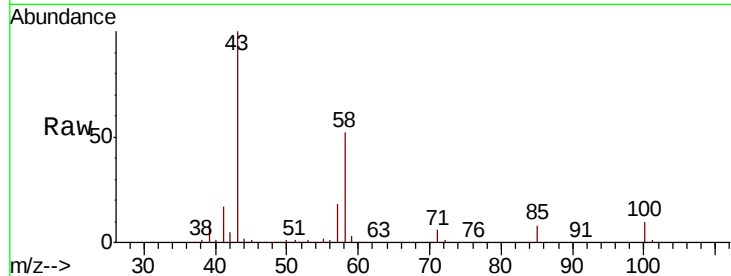




#59
2-Hexanone
Concen: 757.125 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

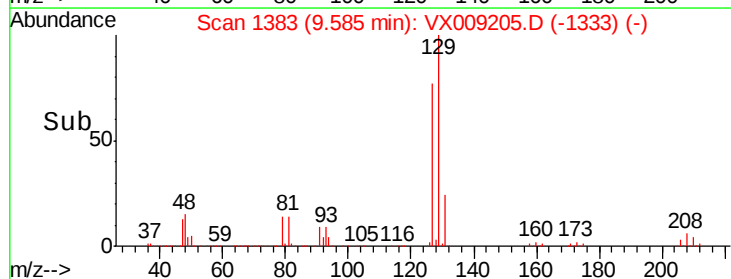
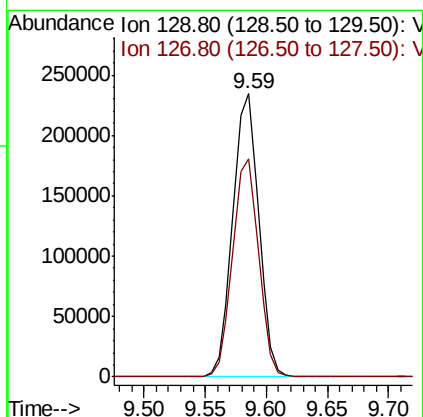
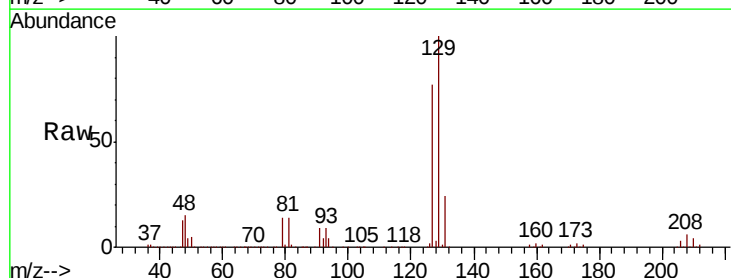
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

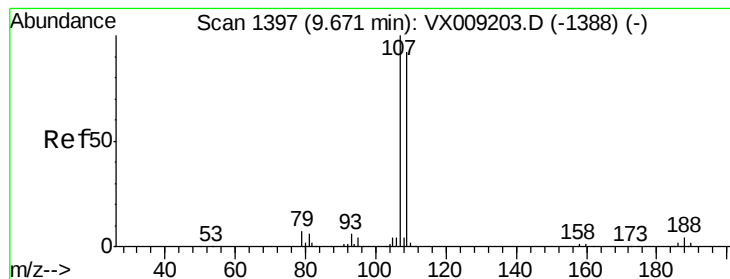
Tgt Ion: 43 Resp: 2403040
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.7



#60
Dibromochloromethane
Concen: 165.176 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 129 Resp: 344035
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 149.263 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

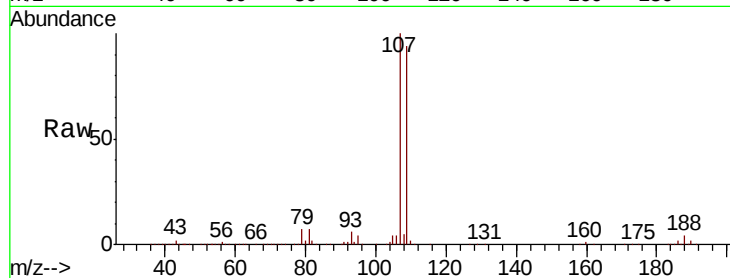
VSTDIC150

Tgt Ion:107 Resp: 333431

Ion Ratio Lower Upper

107 100

109 94.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

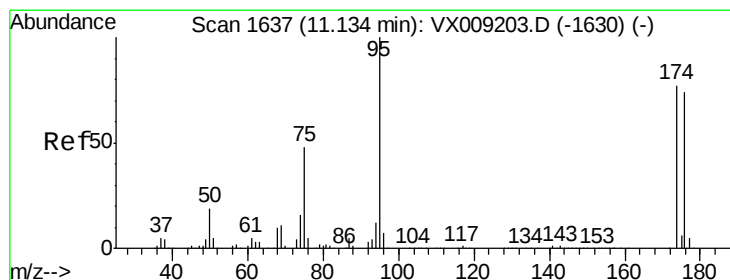
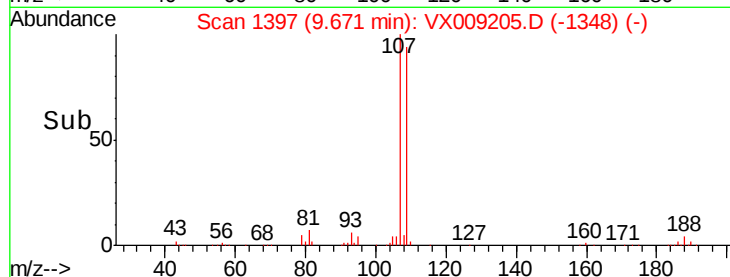
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 159.875 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

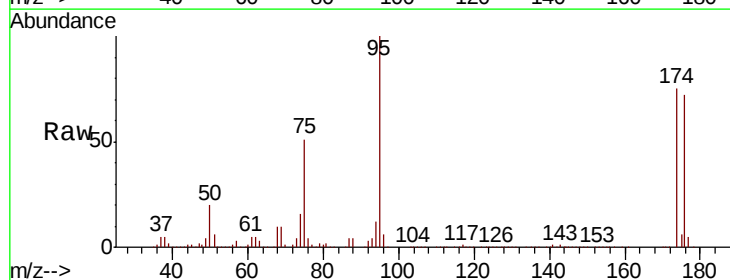
Tgt Ion: 95 Resp: 437942

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

176 79.0 0.0 159.2



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

11.13

400000

300000

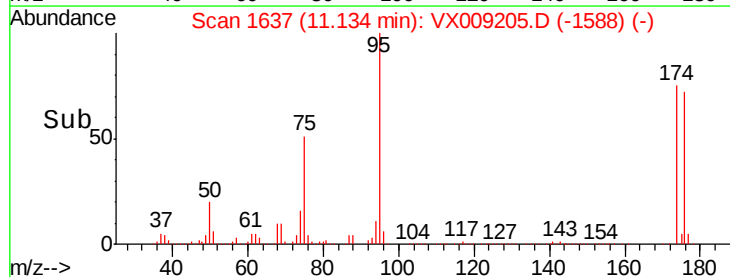
200000

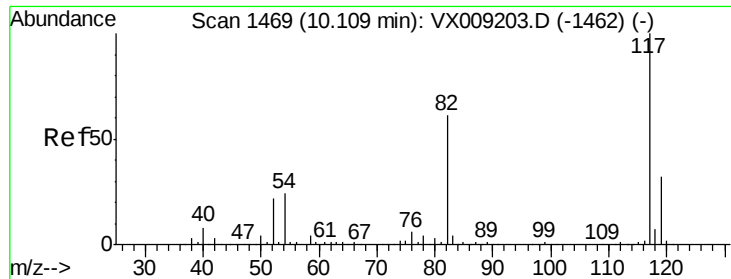
100000

0

11.10 11.20

Time-->

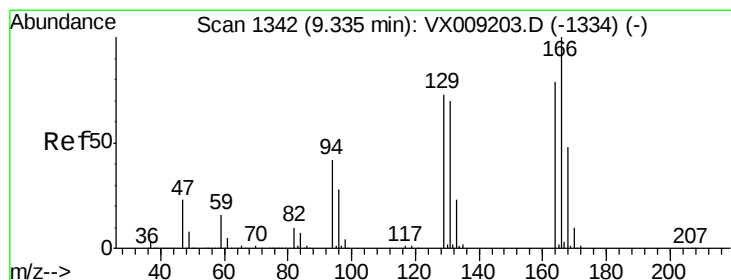
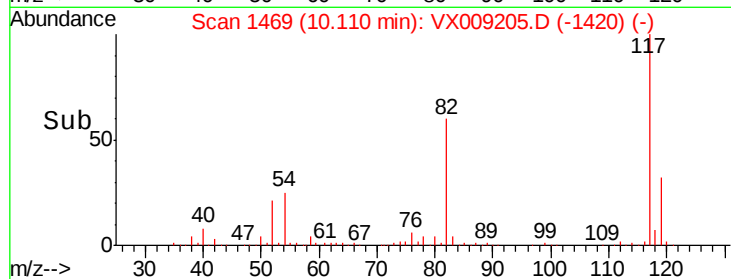
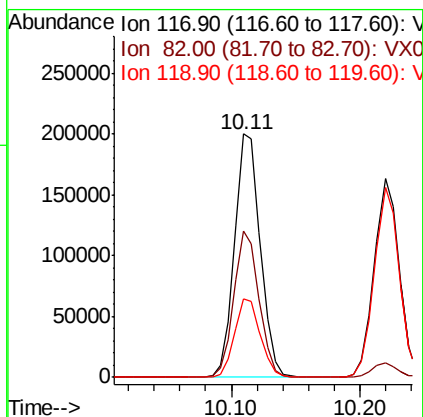
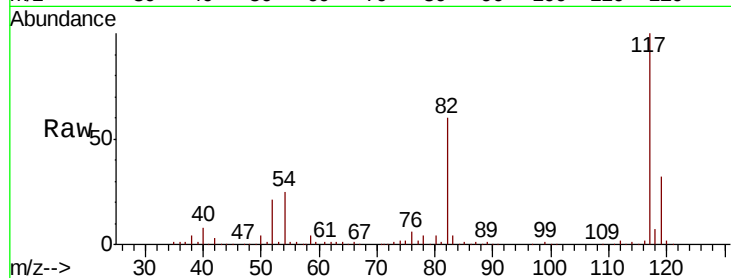




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

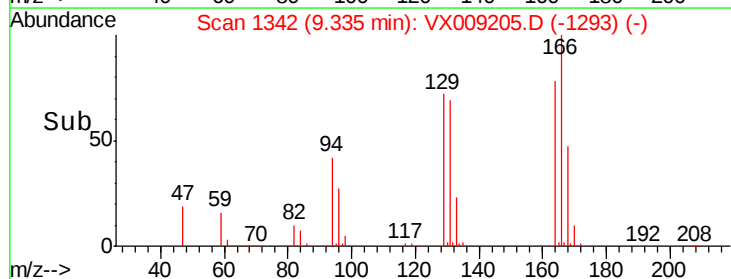
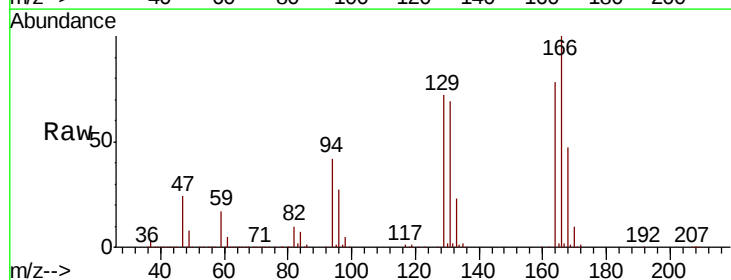
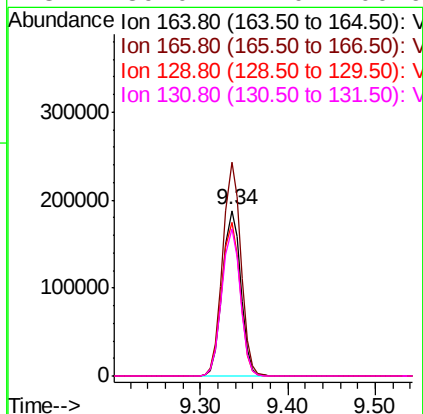
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

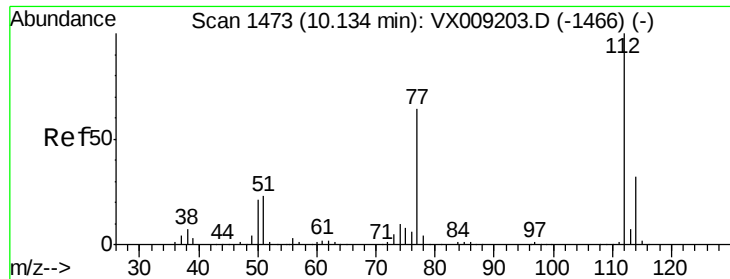
Tgt Ion:117 Resp: 279735
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 129.376 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion:164 Resp: 271862
Ion Ratio Lower Upper
164 100
166 129.0 101.2 151.8
129 92.4 74.3 111.5
131 89.0 71.0 106.6

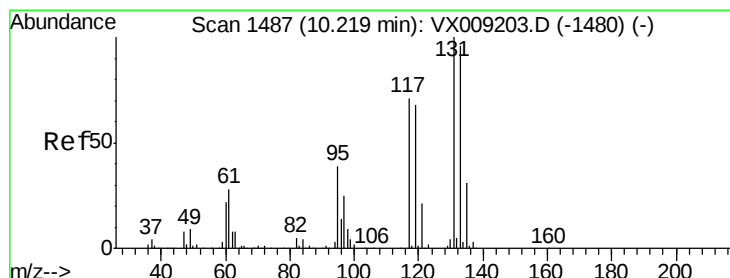
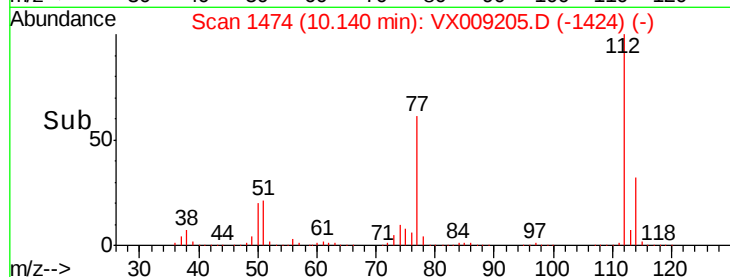
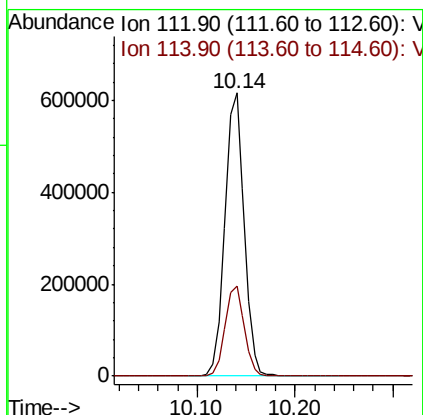
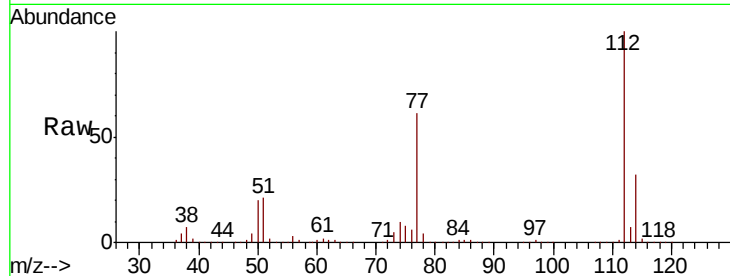




#65
Chlorobenzene
Concen: 142.323 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

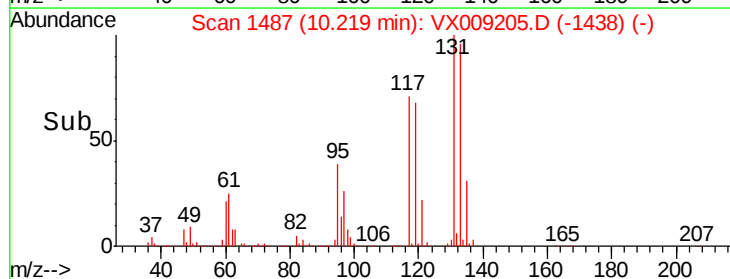
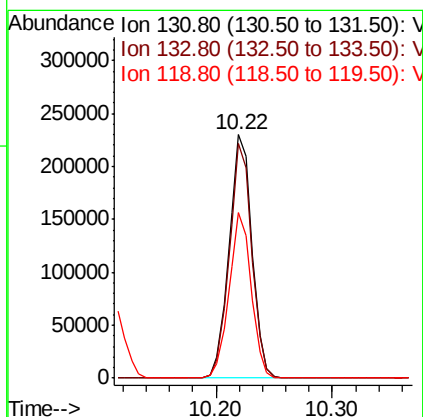
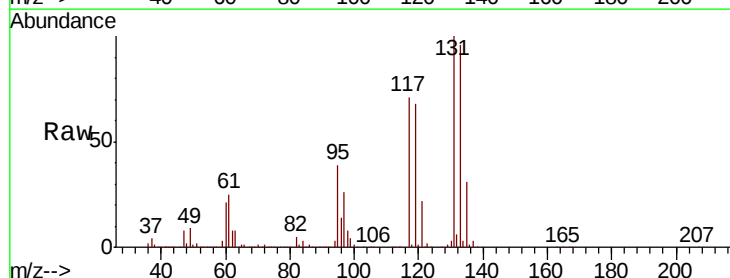
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

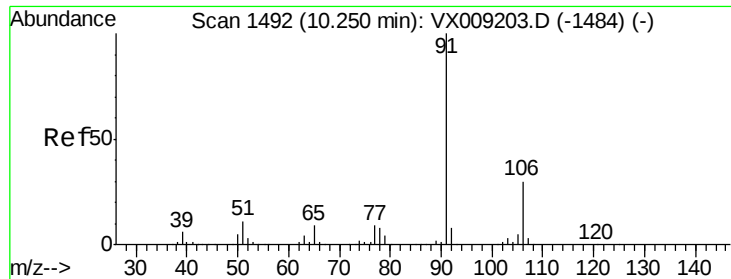
Tgt Ion:112 Resp: 839307
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 150.635 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion:131 Resp: 312724
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 66.1 33.5 100.4

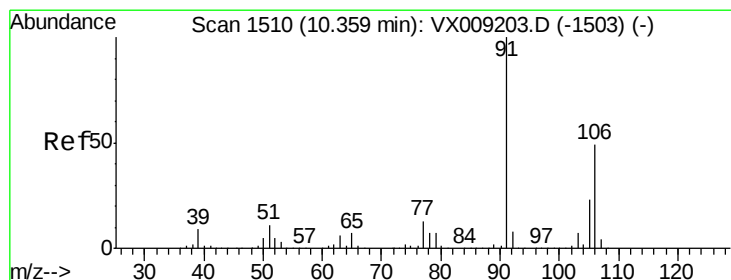
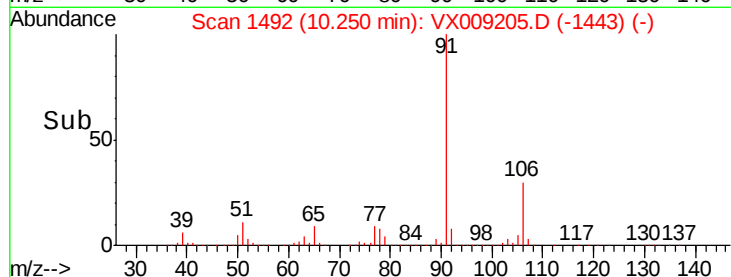
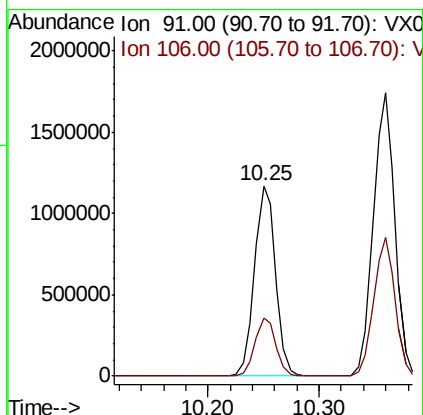
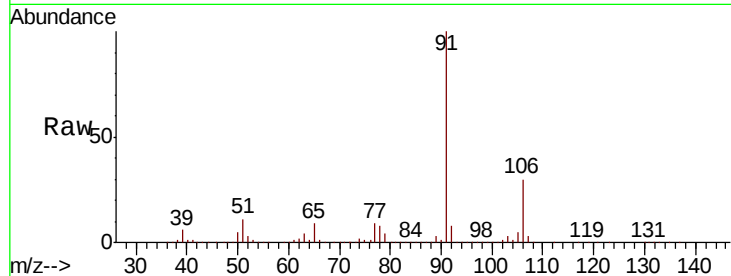




#67
Ethyl Benzene
Concen: 142.757 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

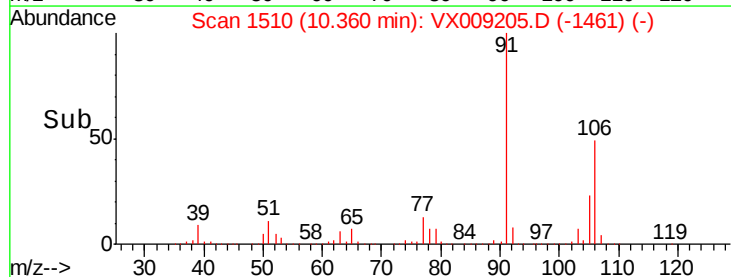
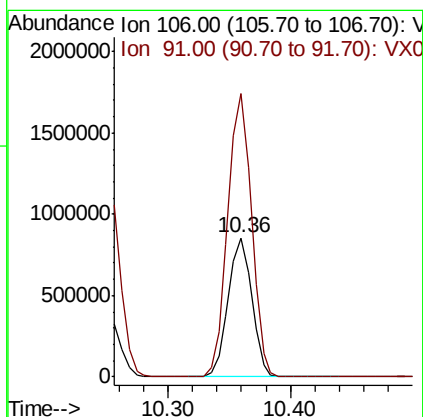
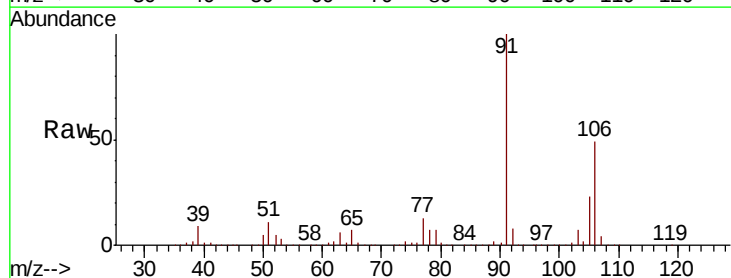
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

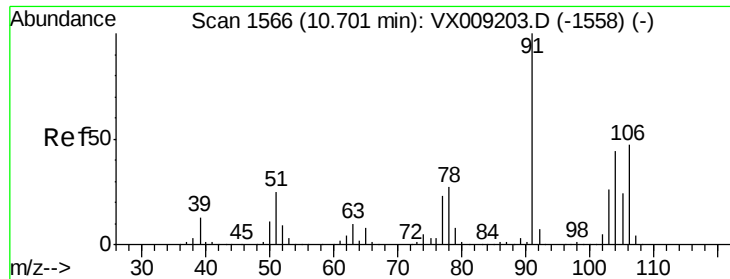
Tgt Ion: 91 Resp: 1537212
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 290.967 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 106 Resp: 1141947
Ion Ratio Lower Upper
106 100
91 205.7 164.0 246.0

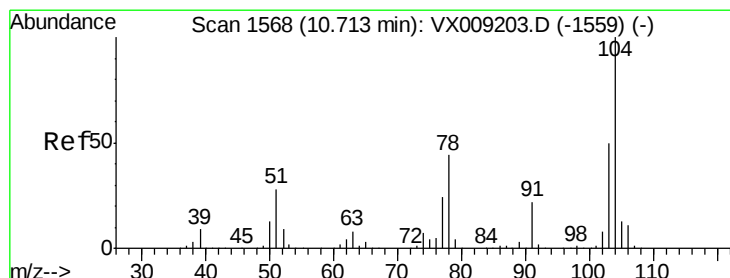
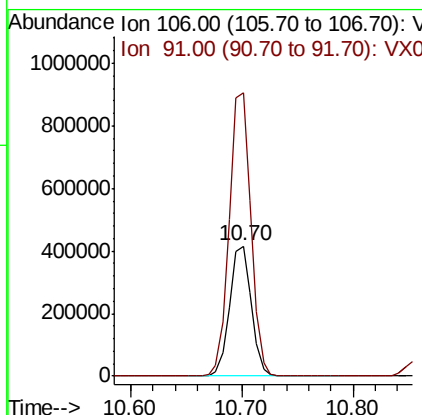
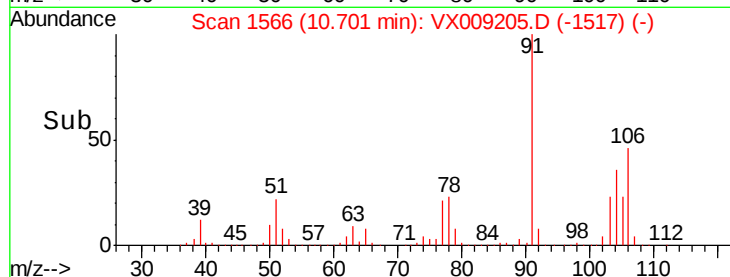
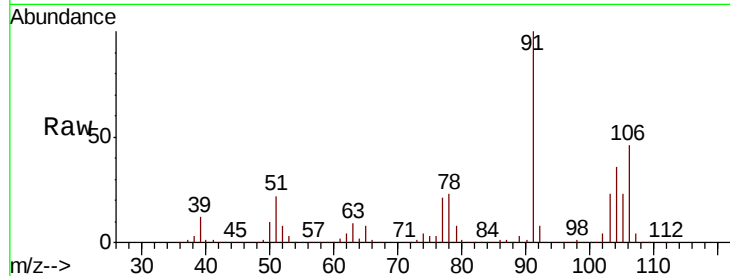




#69
o-Xylene
Concen: 145.895 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

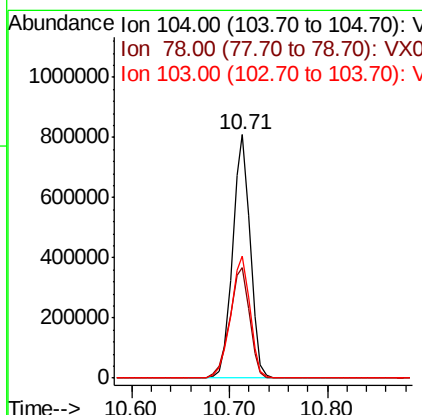
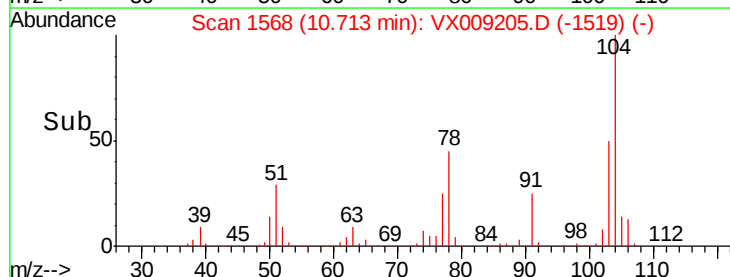
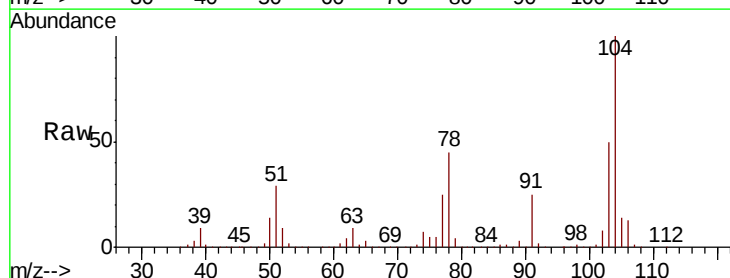
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

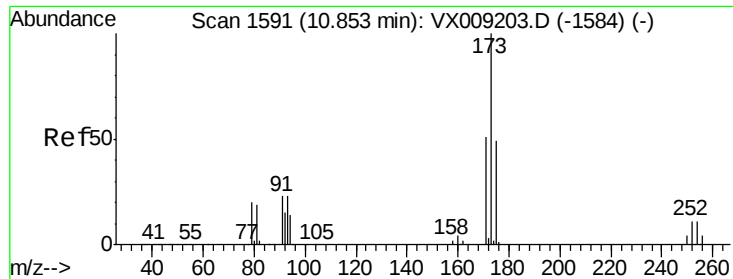
Tgt Ion:106 Resp: 557129
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4



#70
Styrene
Concen: 151.500 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion:104 Resp: 1004774
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.4
103 55.1 43.8 65.6





#71

Bromoform

Concen: 166.002 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

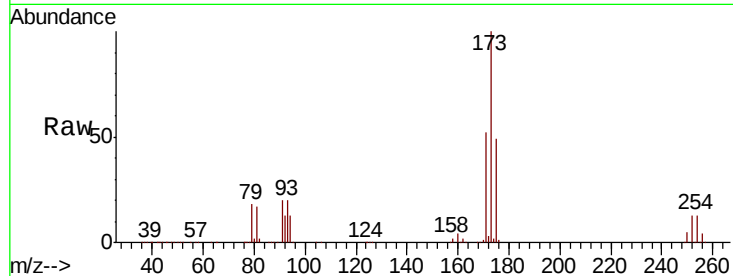
Tgt Ion:173 Resp: 275139

Ion Ratio Lower Upper

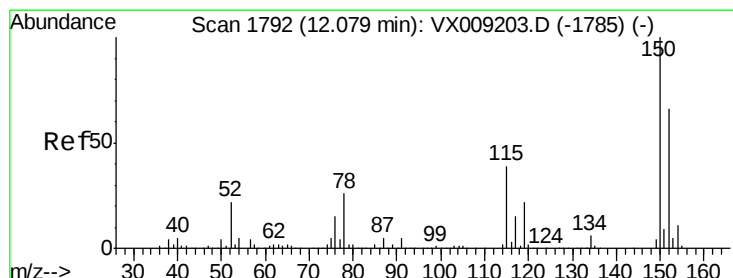
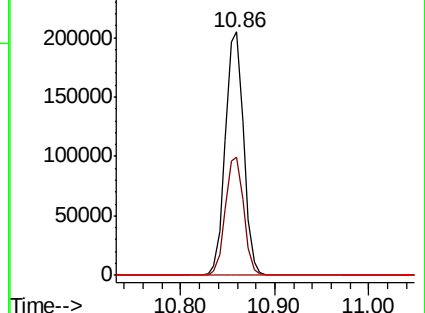
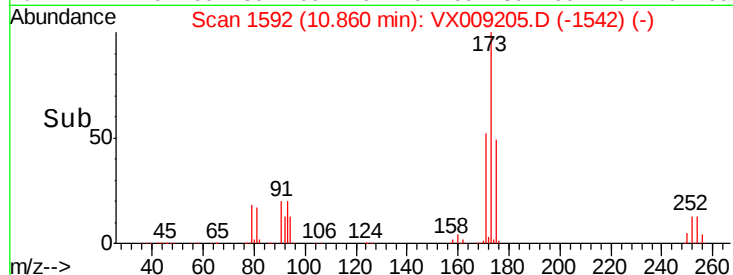
173 100

175 48.7 24.5 73.5

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. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

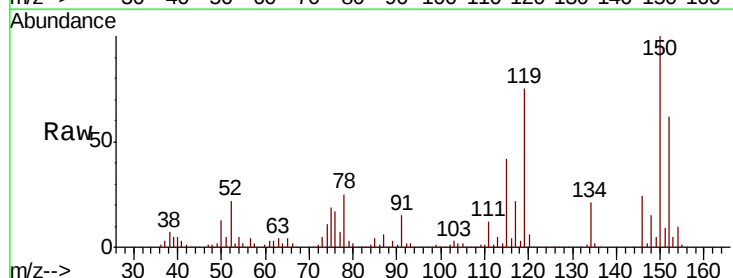
Tgt Ion:152 Resp: 143069

Ion Ratio Lower Upper

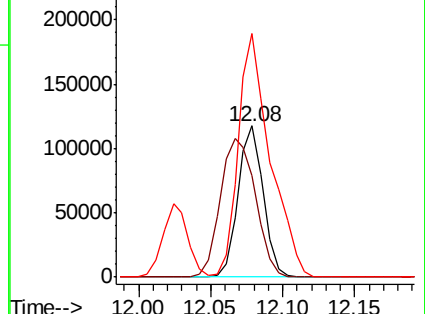
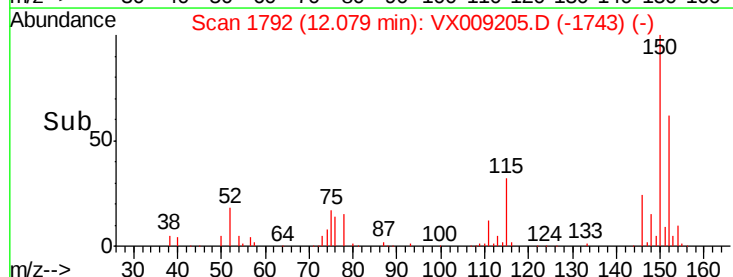
152 100

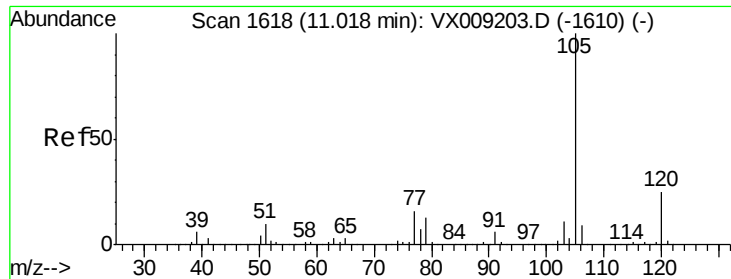
115 128.4 41.2 123.6#

150 204.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 138.818 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

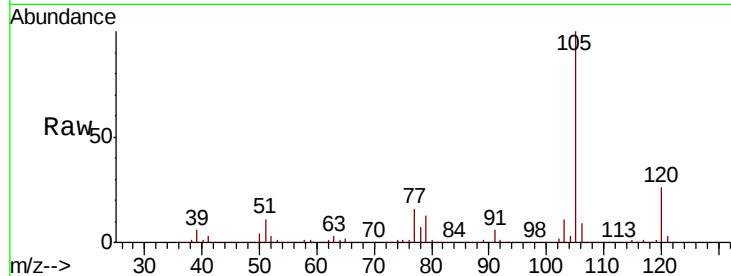
VSTDIC150

Tgt Ion:105 Resp: 1495994

Ion Ratio Lower Upper

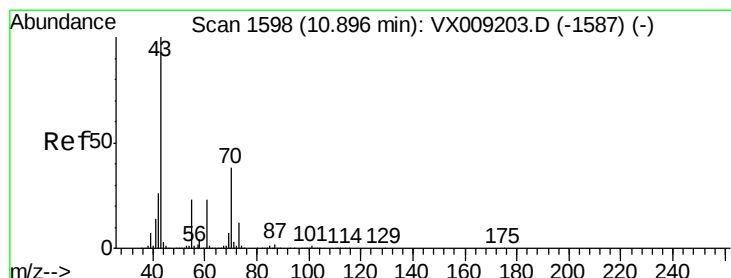
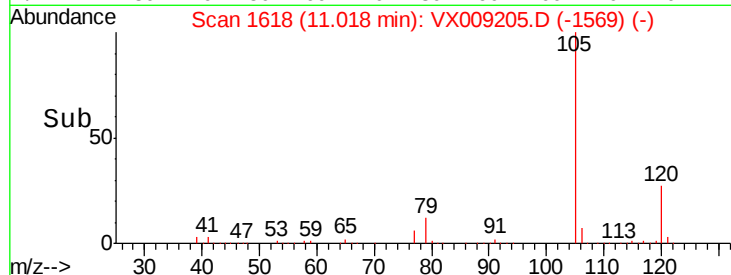
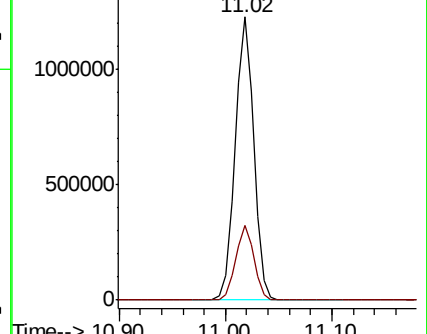
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 146.458 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Tgt Ion: 43 Resp: 911028

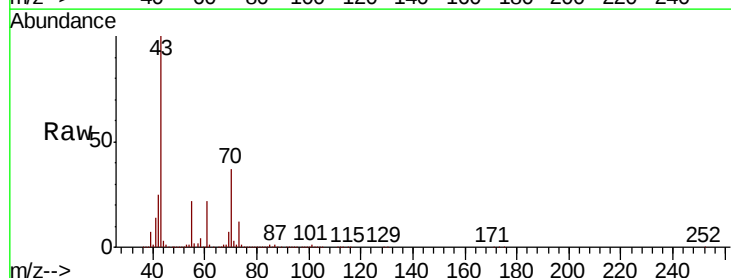
Ion Ratio Lower Upper

43 100

70 37.4 30.0 45.0

55 22.1 17.9 26.9

61 22.7 18.4 27.6

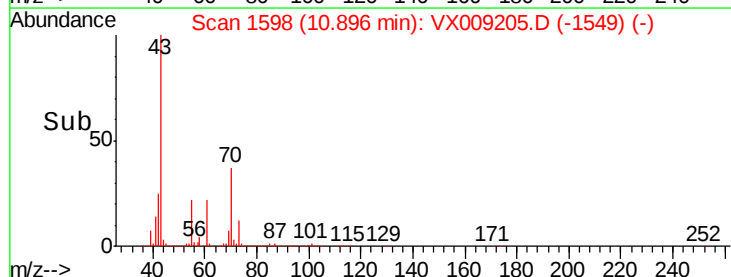
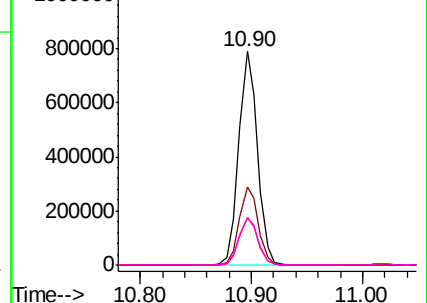


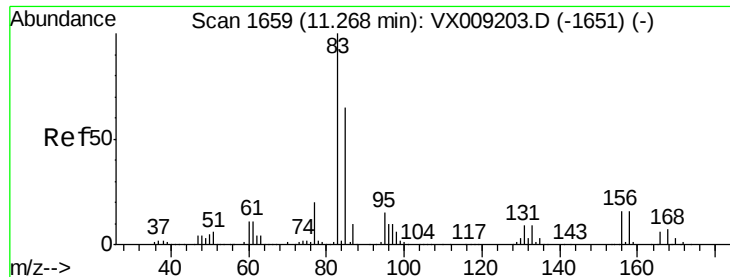
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 138.090 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

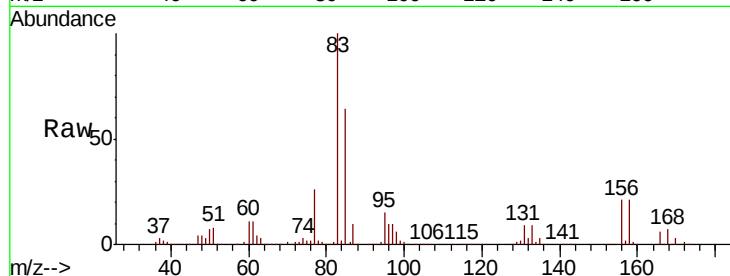
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 546927

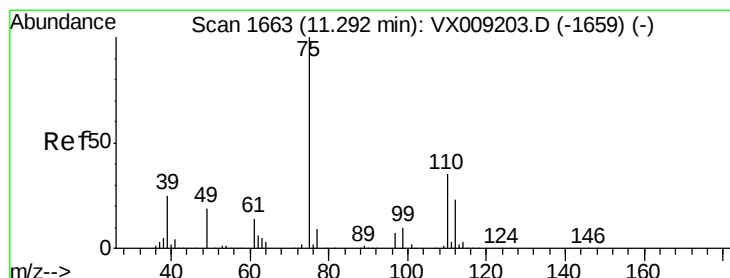
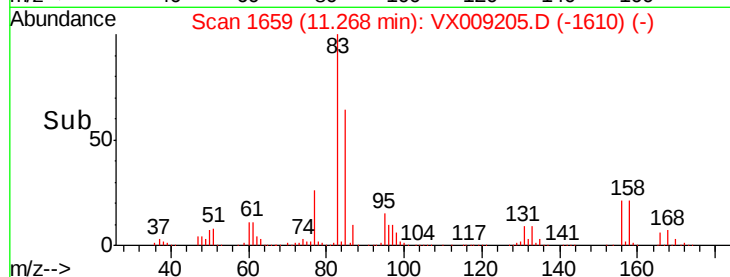
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	63.8	32.0	96.2



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: 193.651 ug/l

RT: 11.30 min Scan# 1664

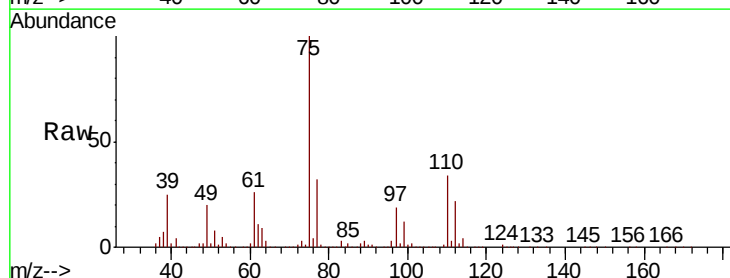
Delta R.T. 0.01 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

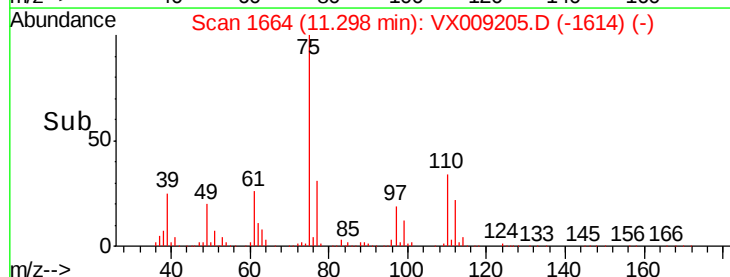
Tgt Ion: 75 Resp: 673867

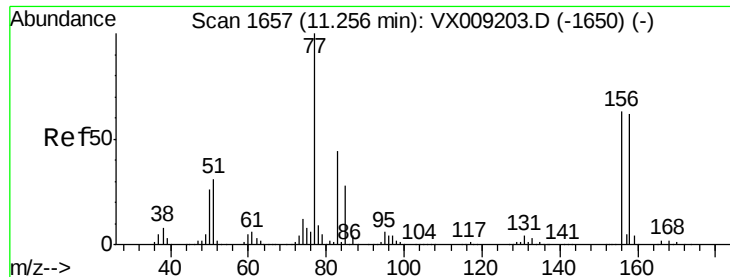
Ion	Ratio	Lower	Upper
75	100		
77	30.6	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 138.109 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

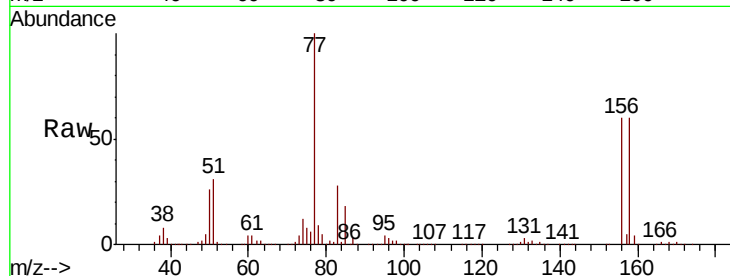
Tgt Ion:156 Resp: 375656

Ion Ratio Lower Upper

156 100

77 172.2 84.8 254.3

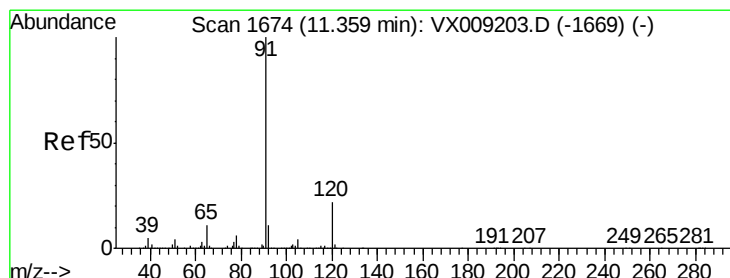
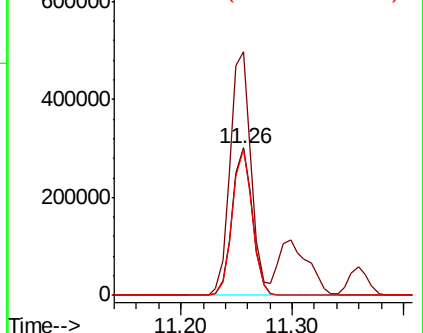
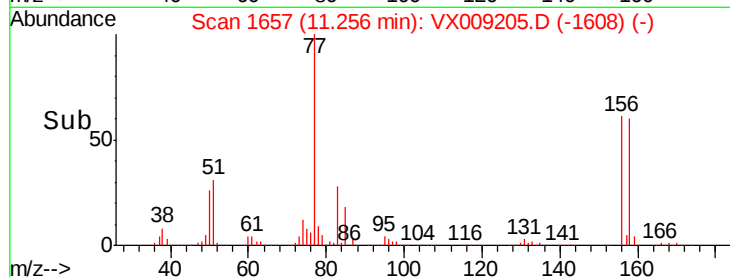
158 98.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 143.264 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009205.D

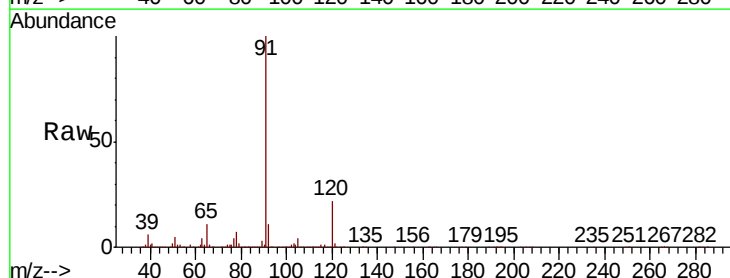
Acq: 29 Apr 2019 13:43

Tgt Ion: 91 Resp: 1768449

Ion Ratio Lower Upper

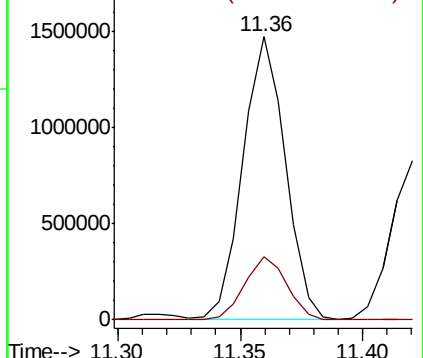
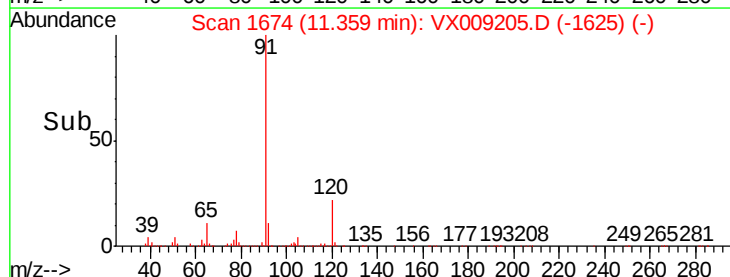
91 100

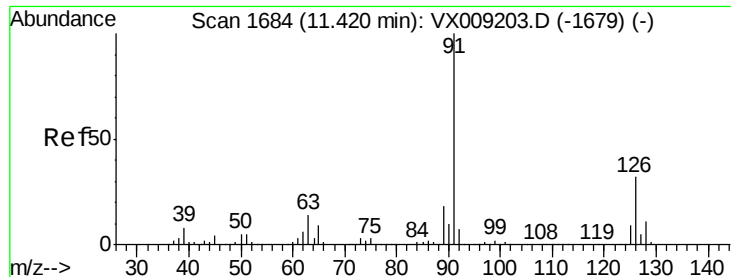
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 139.706 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

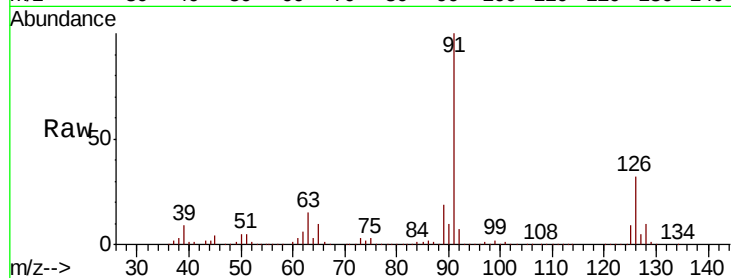
VSTDIC150

Tgt Ion: 91 Resp: 1041906

Ion Ratio Lower Upper

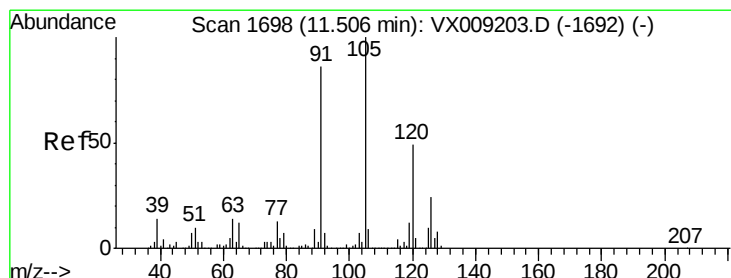
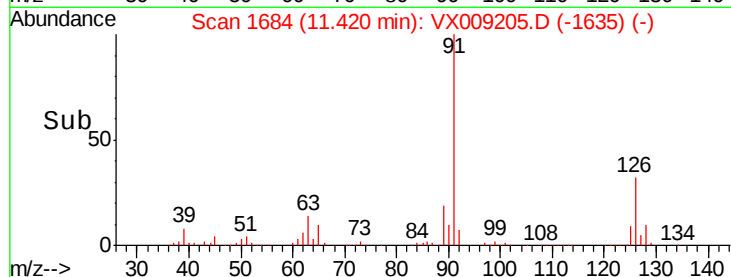
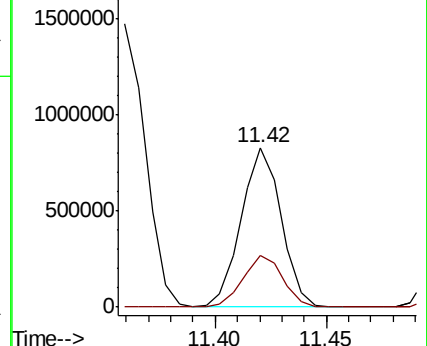
91 100

126 32.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 142.927 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009205.D

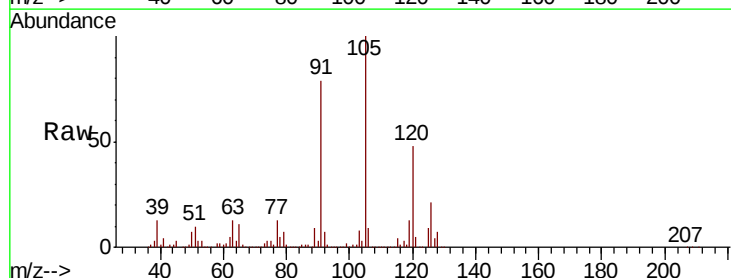
Acq: 29 Apr 2019 13:43

Tgt Ion: 105 Resp: 1293429

Ion Ratio Lower Upper

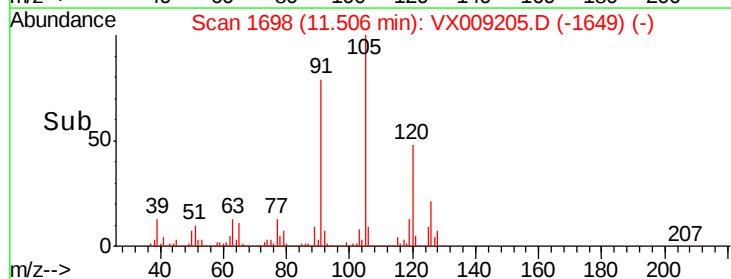
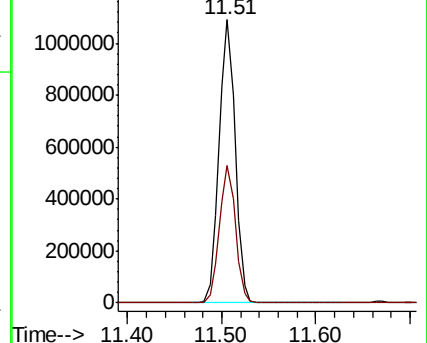
105 100

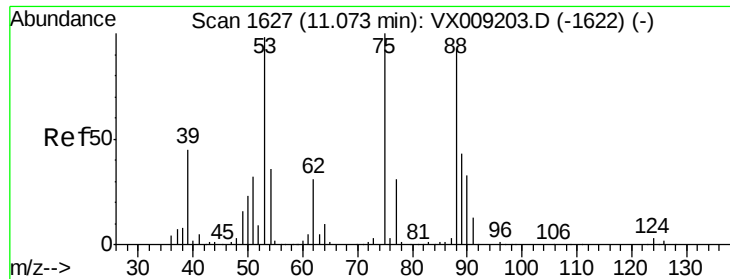
120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 157.104 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

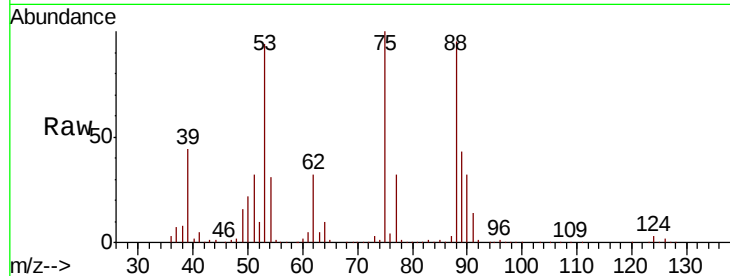
Tgt Ion: 75 Resp: 210911

Ion Ratio Lower Upper

75 100

53 94.5 79.0 118.6

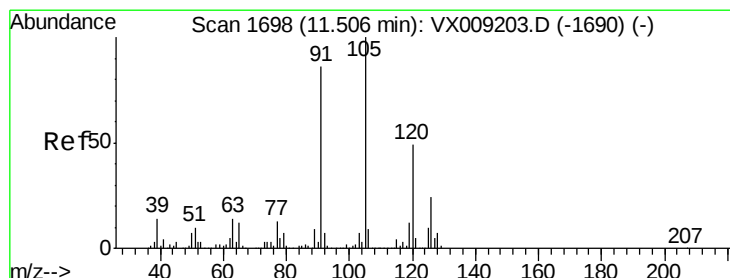
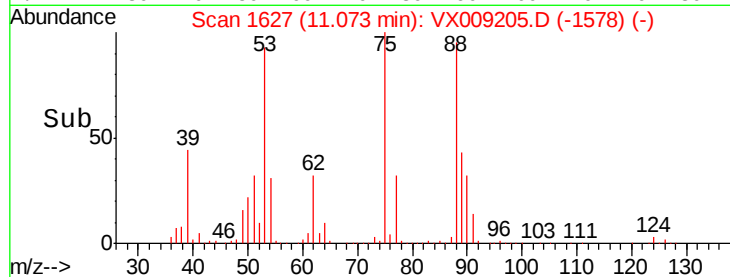
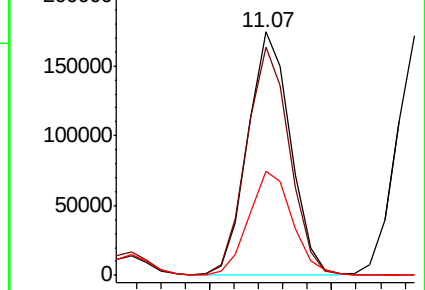
89 44.1 34.7 52.1



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: 141.215 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009205.D

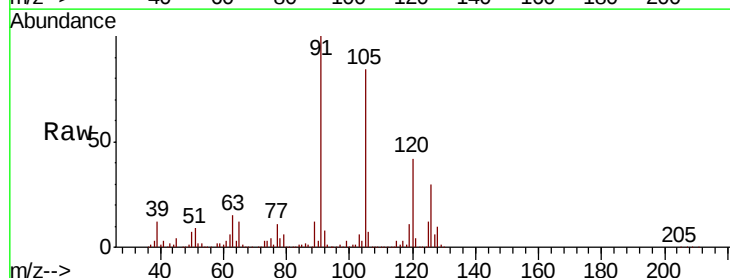
Acq: 29 Apr 2019 13:43

Tgt Ion: 91 Resp: 1222139

Ion Ratio Lower Upper

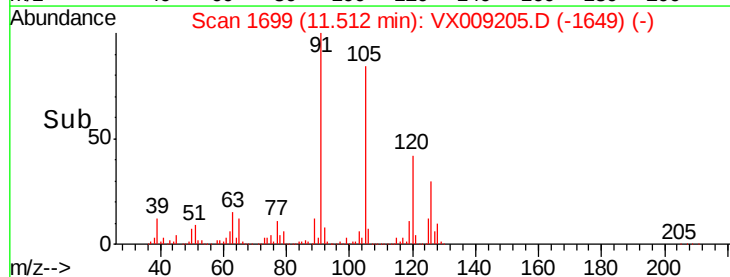
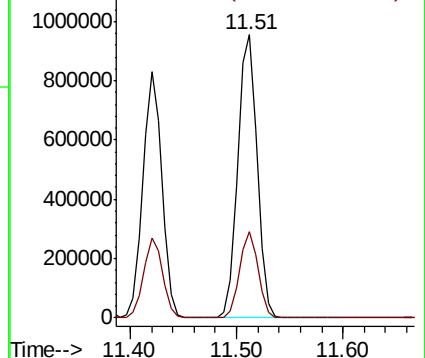
91 100

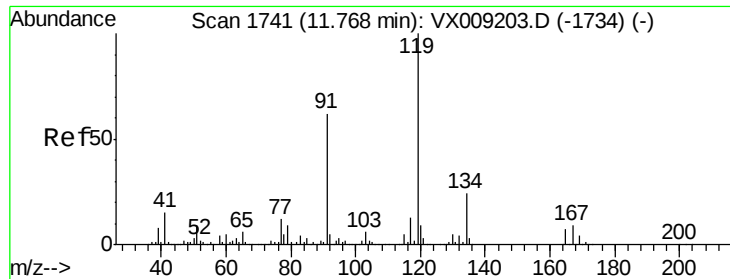
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

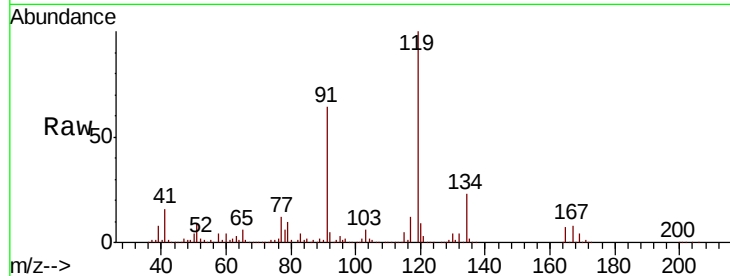




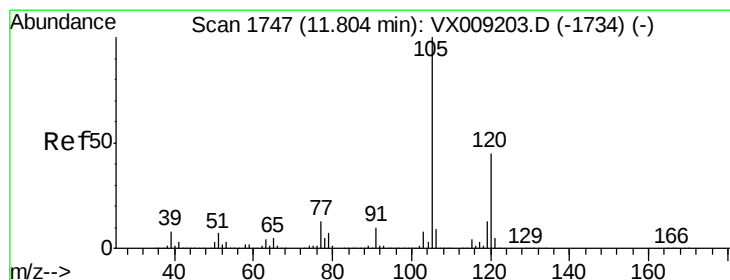
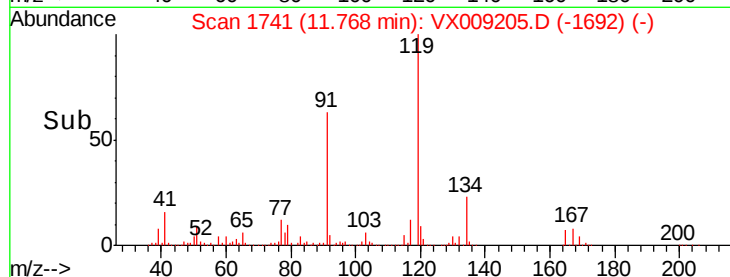
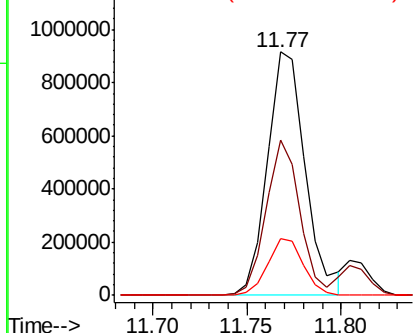
#83
 tert-Butylbenzene
 Concen: 146.637 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1278068
 Ion Ratio Lower Upper
 119 100
 91 56.8 29.5 88.5
 134 21.8 11.4 34.1

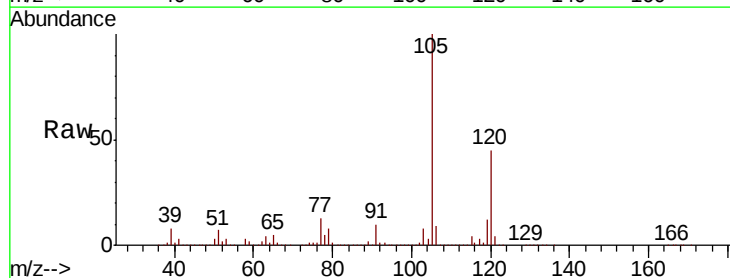


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

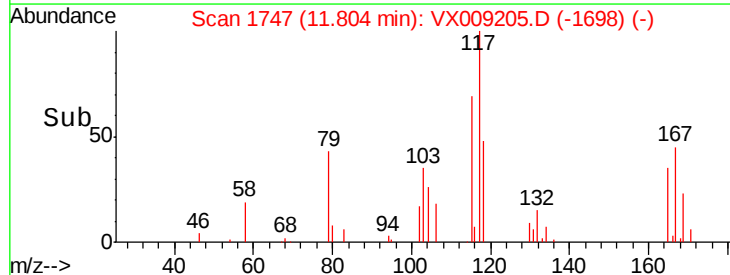
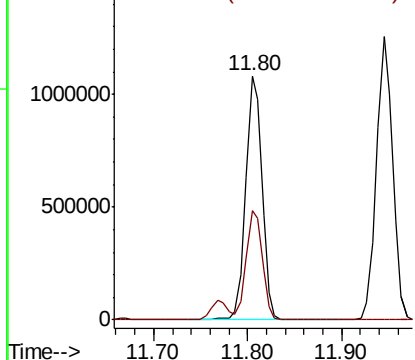


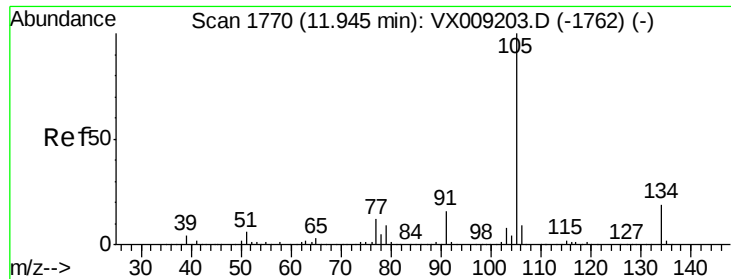
#84
 1,2,4-Trimethylbenzene
 Concen: 141.057 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:105 Resp: 1300331
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0



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





#85

sec-Butylbenzene

Concen: 144.795 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

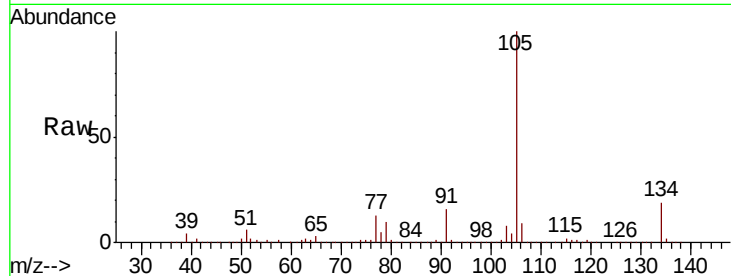
VSTDIC150

Tgt Ion:105 Resp: 1501904

Ion Ratio Lower Upper

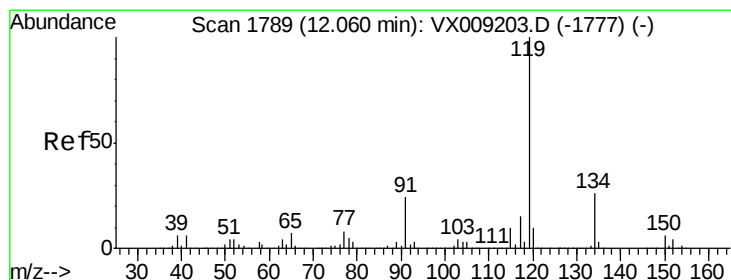
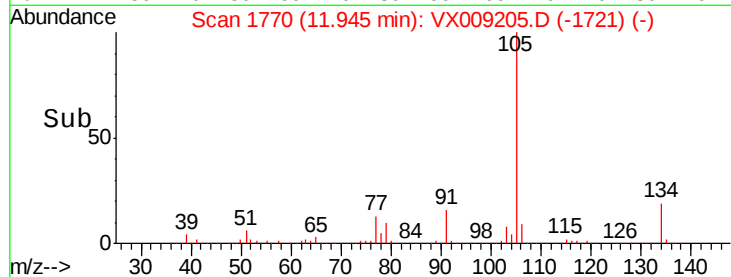
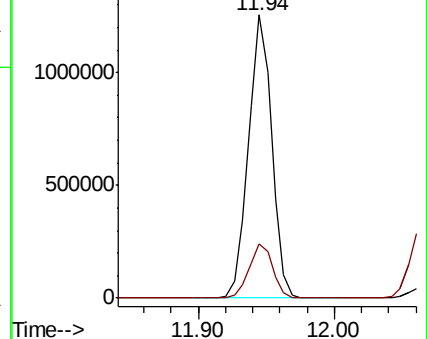
105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 144.183 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009205.D

Acq: 29 Apr 2019 13:43

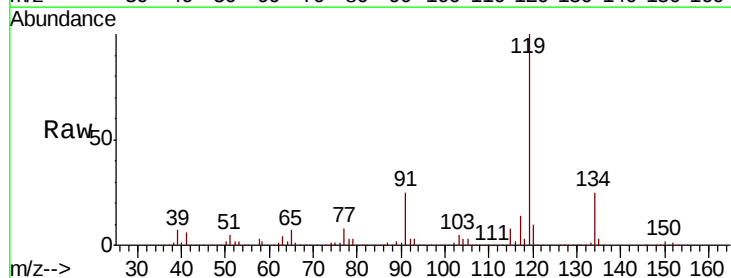
Tgt Ion:119 Resp: 1374002

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

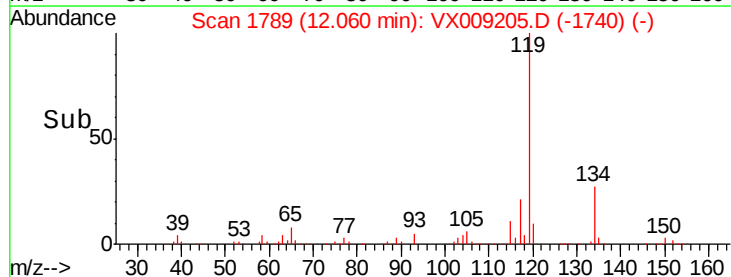
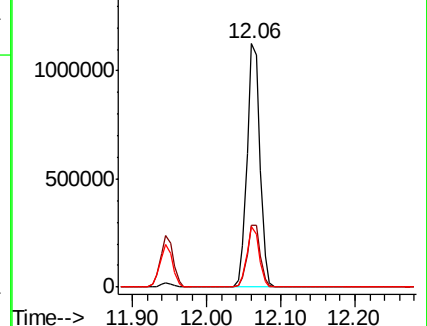
91 23.8 11.8 35.4

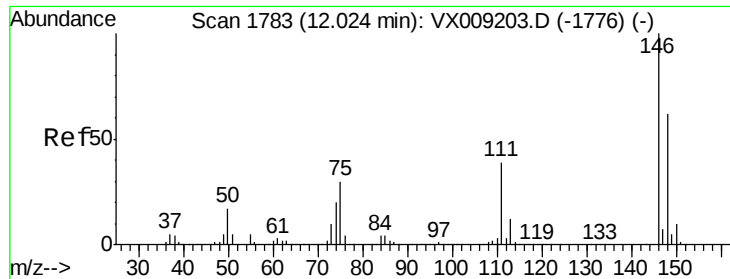


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

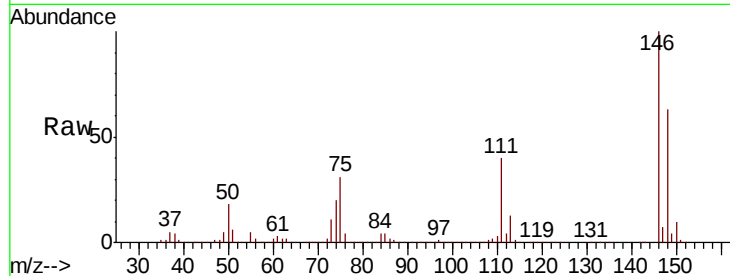




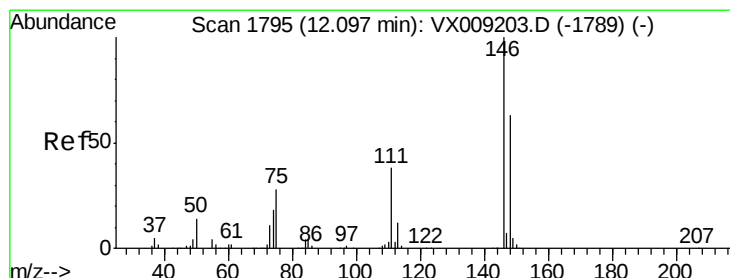
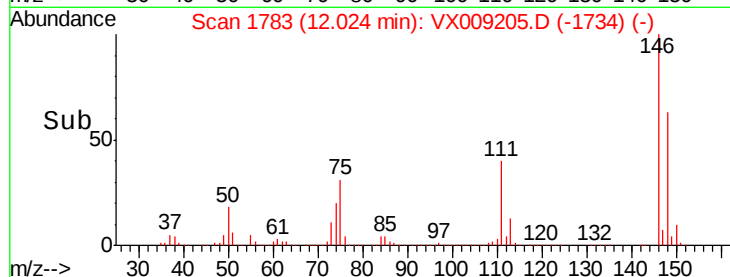
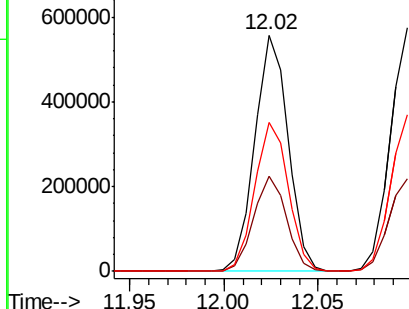
#87
 1,3-Dichlorobenzene
 Concen: 142.671 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 681919
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 63.8 31.8 95.3

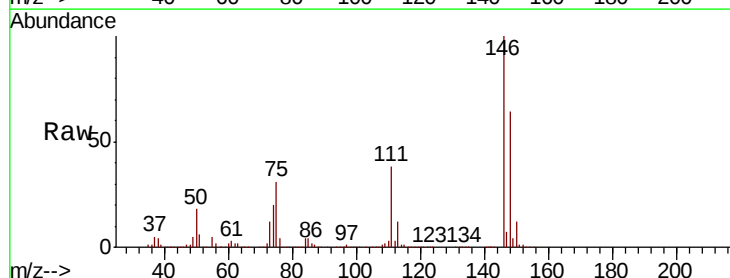


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

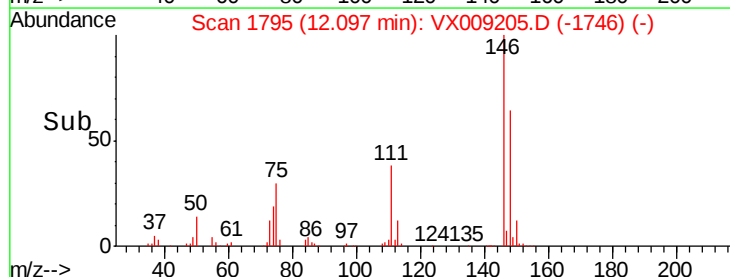
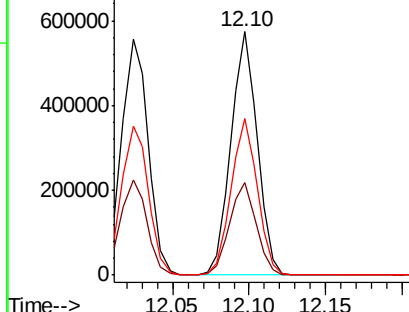


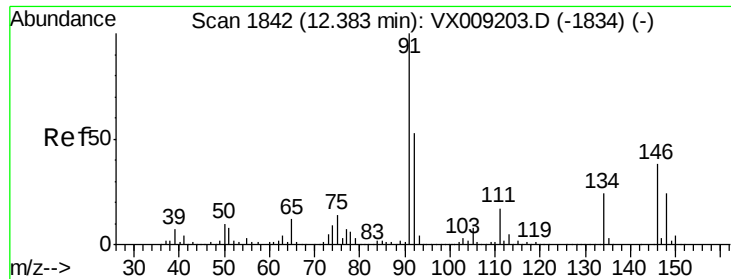
#88
 1,4-Dichlorobenzene
 Concen: 140.772 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:146 Resp: 682433
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.6 58.8
 148 64.2 31.8 95.3



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

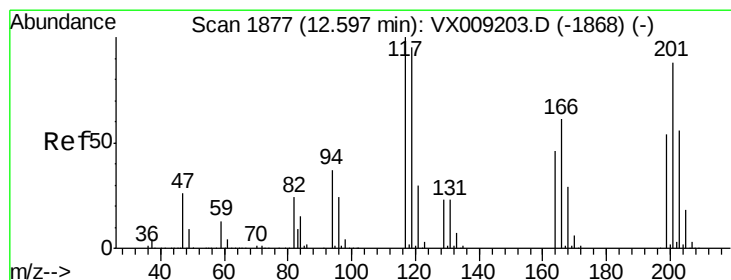
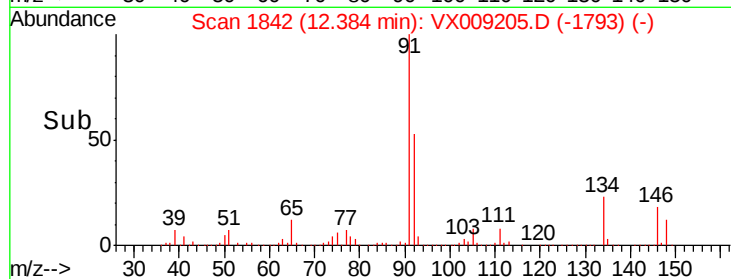
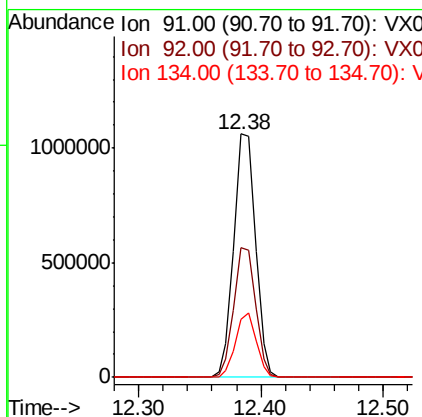
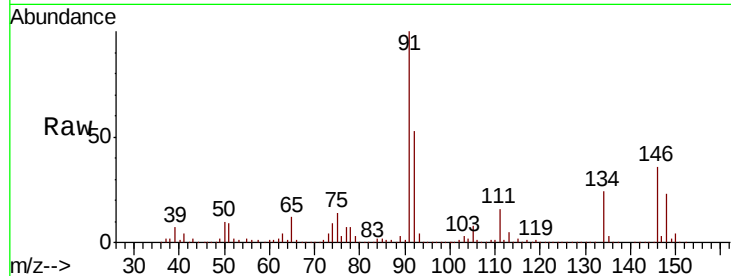




#89
n-Butylbenzene
Concen: 147.597 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

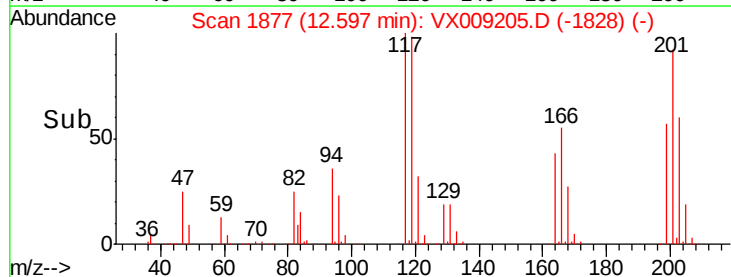
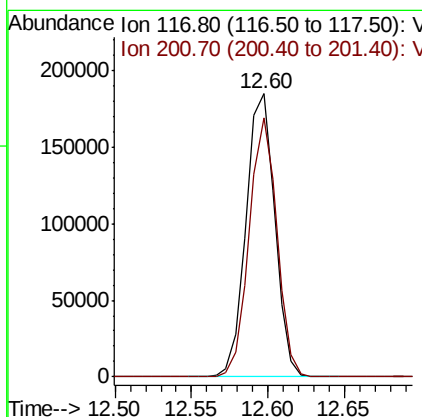
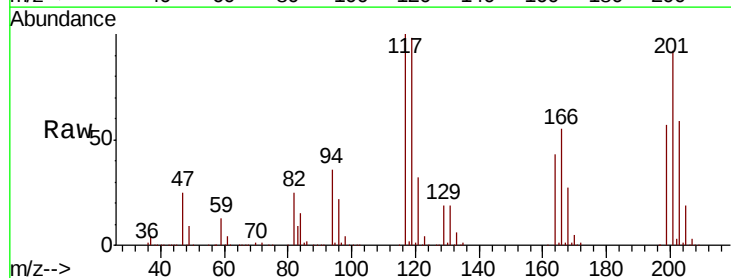
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

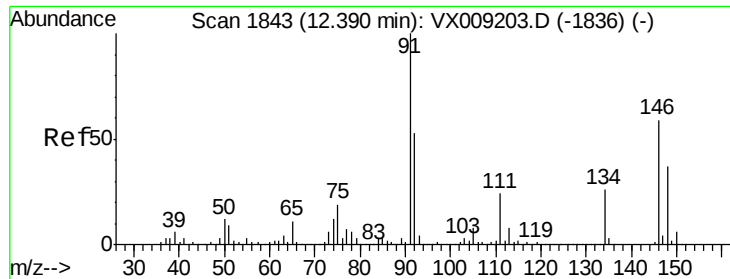
Tgt Ion: 91 Resp: 1302313
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 25.2 12.4 37.2



#90
Hexachloroethane
Concen: 153.611 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 117 Resp: 241736
Ion Ratio Lower Upper
117 100
201 88.3 42.3 126.9

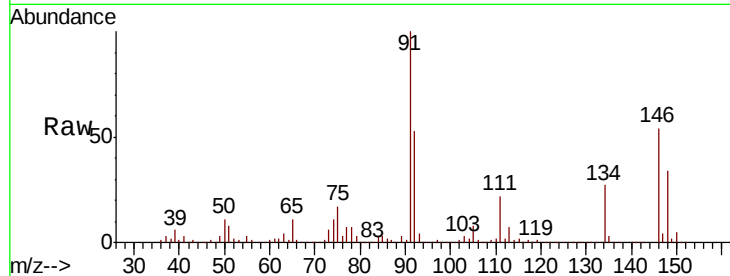




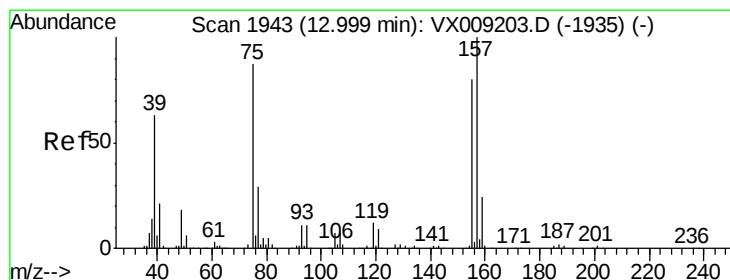
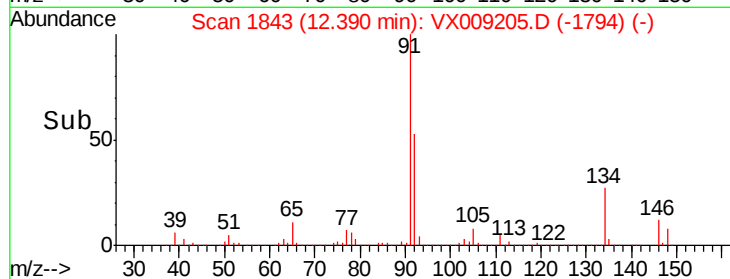
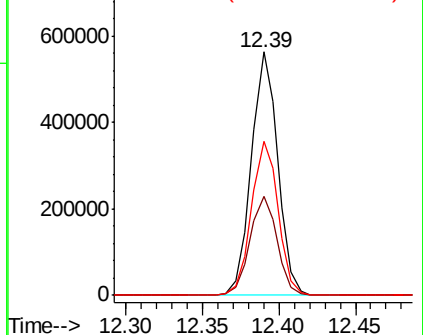
#91
 1,2-Dichlorobenzene
 Concen: 142.274 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 674901
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 64.1 31.9 95.9

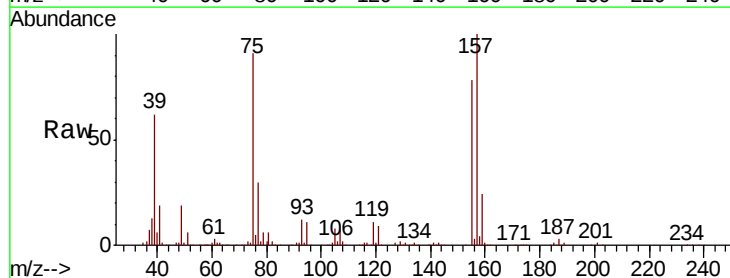


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

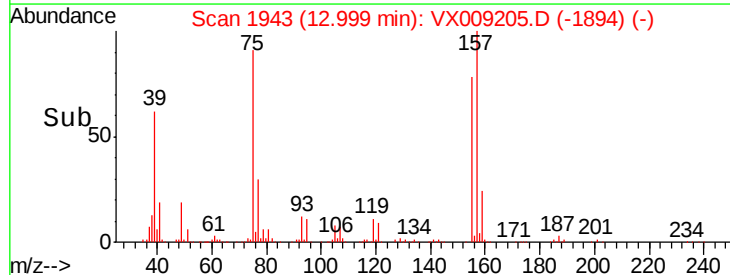
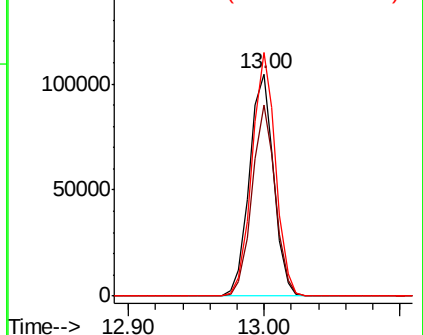


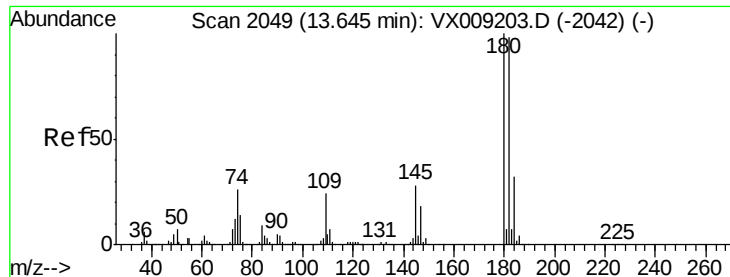
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 144.477 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 75 Resp: 130908
 Ion Ratio Lower Upper
 75 100
 155 82.5 42.0 126.0
 157 106.6 53.2 159.6



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

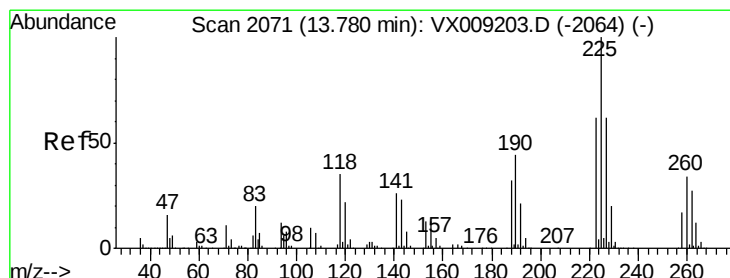
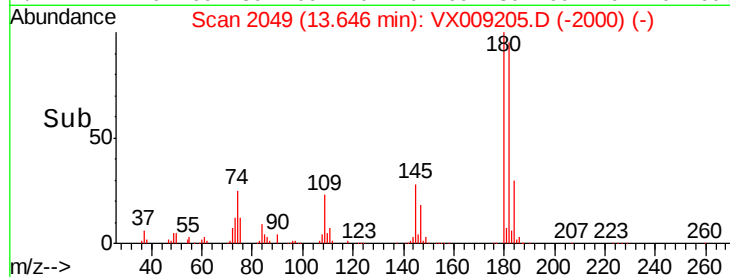
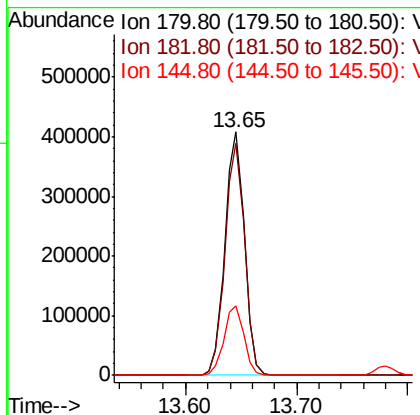
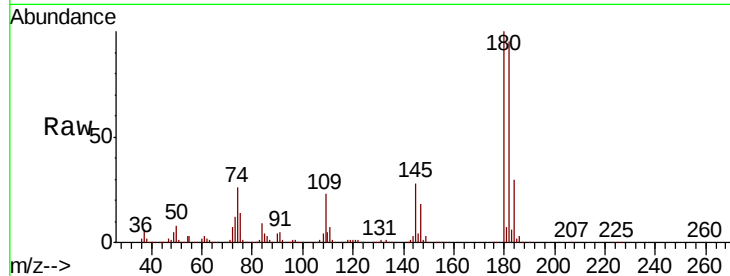




#93
 1,2,4-Trichlorobenzene
 Concen: 145.025 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

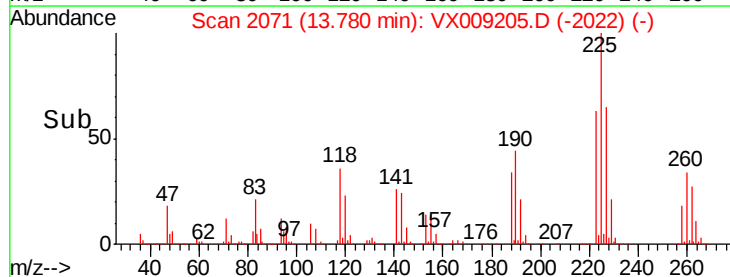
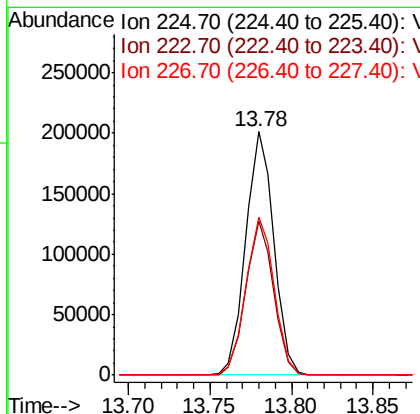
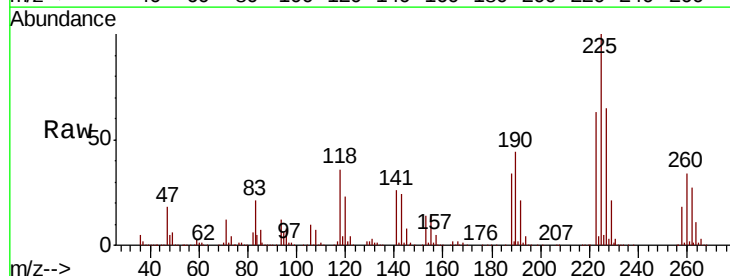
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

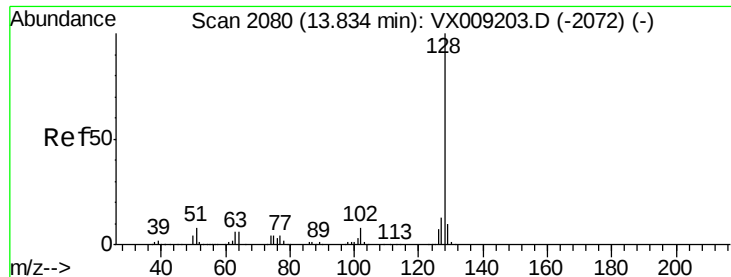
Tgt Ion:180 Resp: 493947
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.4 145.2
 145 29.2 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 142.704 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009205.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:225 Resp: 242541
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 65.1 31.8 95.3

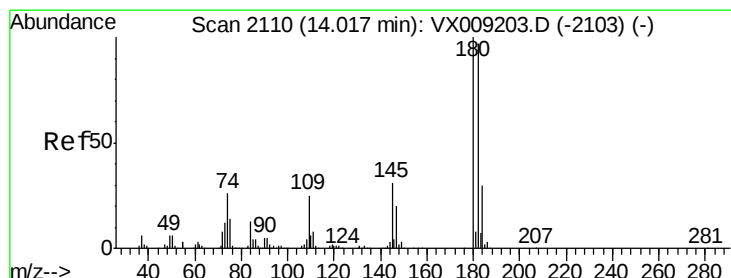
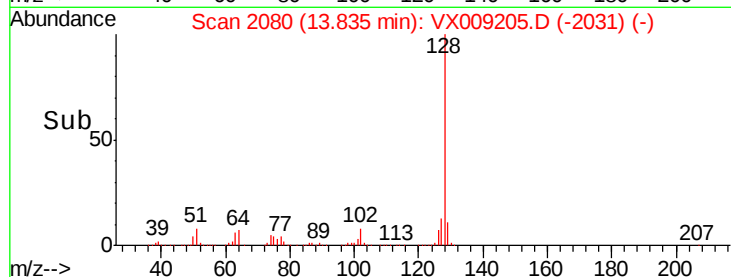
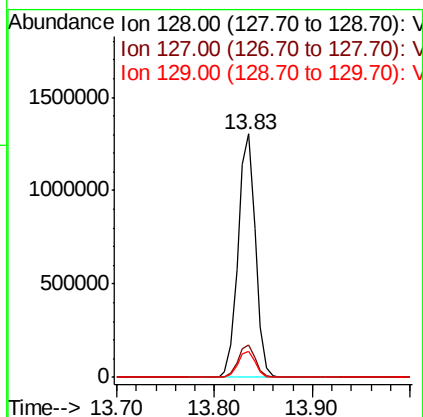
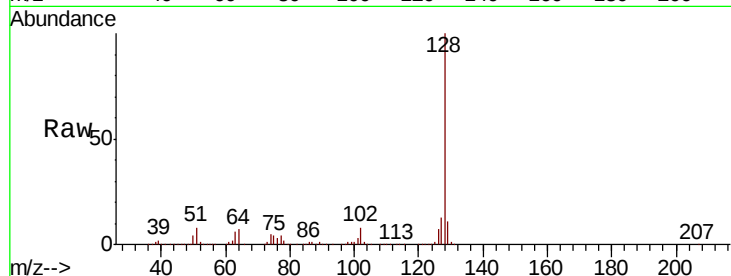




#95
Naphthalene
Concen: 145.616 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1594664
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 145.063 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009205.D
Acq: 29 Apr 2019 13:43

Tgt Ion:180 Resp: 489714
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 31.0 15.4 46.4

