

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
 Data File : VX008333.D
 Acq On : 22 Mar 2019 12:13
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 22 15:27:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 13:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32369	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	173019	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	151445	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	65440	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.13	95	74341	30.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.53%
63) Toluene-d8	8.71	98	206158	30.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	171825	98.934	ug/l 98
3) Chloromethane	1.33	50	171196	96.407	ug/l 96
4) Vinyl Chloride	1.41	62	195591	97.726	ug/l 97
5) Bromomethane	1.64	94	406622	112.074	ug/l 99
6) Chloroethane	1.71	64	124908	87.814	ug/l 97
7) Trichlorofluoromethane	1.93	101	311086	97.640	ug/l 97
8) Diethyl Ether	2.19	74	121363	98.218	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	169286	96.074	ug/l 99
10) 1,1-Dichloroethene	2.37	96	171787	98.770	ug/l 98
11) Methyl Iodide	2.51	142	267777	101.849	ug/l 94
12) Methyl Acetate	2.78	43	185917	97.961	ug/l 97
13) Acrolein	2.29	56	151063	508.092	ug/l 97
14) Acrylonitrile	3.15	53	464915	493.616	ug/l 98
15) Acetone	2.45	58	171617	464.664	ug/l 99
16) Carbon Disulfide	2.57	76	467378	96.916	ug/l 98
17) Allyl chloride	2.73	41	255837	99.684	ug/l 99
18) Methylene Chloride	2.86	84	178397	95.283	ug/l 92
19) trans-1,2-Dichloroethene	3.17	96	179256	97.091	ug/l 98
20) Diisopropyl ether	3.86	45	528666	98.515	ug/l 94
21) 1,1-Dichloroethane	3.70	63	309101	97.529	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	208807	98.058	ug/l 97
23) tert-Butyl Alcohol	3.06	59	189915	496.691	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	551021	98.613	ug/l 98
25) Chloroform	5.21	83	327000	97.264	ug/l 97
26) Cyclohexane	5.58	56	280114	99.938	ug/l # 100
29) 1,1-Dichloropropene	5.81	75	245772	100.013	ug/l 98
30) 2-Butanone	4.68	43	691960	488.872	ug/l 97
31) 2,2-Dichloropropane	4.59	77	235298	101.700	ug/l 96
32) 1,1,1-Trichloroethane	5.50	97	288894	99.914	ug/l 99
33) Carbon Tetrachloride	5.79	117	268603	101.151	ug/l 97
34) Benzene	6.15	78	725860	99.161	ug/l 99
35) Methacrylonitrile	5.05	41	131649	99.852	ug/l 97
36) 1,2-Dichloroethane	6.20	62	261314	96.853	ug/l 99
37) Trichloroethene	7.21	130	211653	98.342	ug/l 94
38) Methylcyclohexane	7.46	83	308033	100.016	ug/l 100
39) 1,2-Dichloropropane	7.51	63	183849	98.706	ug/l 99
40) Dibromomethane	7.66	93	136920	100.228	ug/l 97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	261703	100.959	ug/l	100
42) Vinyl Acetate	3.82	43	2409880	506.554	ug/l	99
43) Ethyl Acetate	4.84	43	249213	99.691	ug/l #	81
44) Isopropyl Acetate	6.45	43	402405	102.343	ug/l	98
45) 1,4-Dioxane	7.74	88	94436	1909.552	ug/l	97
46) Methyl methacrylate	7.77	41	196814	102.013	ug/l	99
47) n-amyl Acetate	10.90	43	348260	103.309	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	276936	106.706	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	305543	105.504	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	192700	98.190	ug/l	94
51) Ethyl methacrylate	9.18	69	295771	103.231	ug/l	97
52) 1,3-Dichloropropane	9.37	76	308151	97.906	ug/l	100
53) Dibromochloromethane	9.59	129	227142	102.674	ug/l	99
54) 1,2-Dibromoethane	9.67	107	214044	99.407	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	723974	502.240	ug/l	99
56) Bromoform	10.85	173	180362	103.268	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1265148	496.159	ug/l	97
59) 2-Hexanone	9.49	43	990521	491.073	ug/l	98
61) Tetrachloroethene	9.34	164	197123	96.694	ug/l	99
62) Toluene	8.79	91	800602	99.593	ug/l	99
64) Chlorobenzene	10.14	112	507121	97.853	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	198084	100.077	ug/l	99
66) Ethyl Benzene	10.25	91	876959	100.873	ug/l	100
67) m/p-Xylenes	10.36	106	689151	199.449	ug/l	99
68) o-Xylene	10.70	106	328606	99.000	ug/l	100
69) Styrene	10.71	104	575319	102.665	ug/l	97
70) Isopropylbenzene	11.02	105	866210	99.187	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	290246	97.465	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	329888	132.718	ug/l	88
73) Bromobenzene	11.26	156	238280	98.615	ug/l	97
74) n-propylbenzene	11.36	91	977335	100.401	ug/l	99
75) 2-Chlorotoluene	11.42	91	571275	98.270	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	747717	100.223	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	94841	111.602	ug/l	89
78) 4-Chlorotoluene	11.51	91	685149	100.142	ug/l	97
79) tert-butylbenzene	12.07	119	791804	100.897	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	741441	100.013	ug/l	99
81) sec-Butylbenzene	11.94	105	838933	98.587	ug/l	99
82) p-Isopropyltoluene	12.07	119	791804	100.897	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	419973	100.141	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	412812	98.845	ug/l	97
85) n-Butylbenzene	12.39	91	699850	103.675	ug/l	99
86) Hexachloroethane	12.60	117	139045	102.804	ug/l	90
87) 1,2-Dichlorobenzene	12.39	146	408572	98.786	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	68853	101.001	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	304674	104.084	ug/l	100
90) Hexachlorobutadiene	13.78	225	147235	99.917	ug/l	98
91) Naphthalene	13.83	128	916181	104.211	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	304110	102.766	ug/l	98

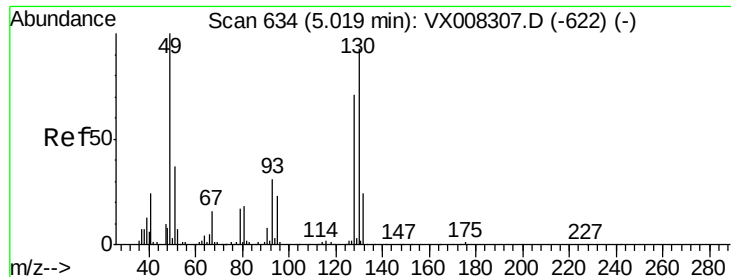
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

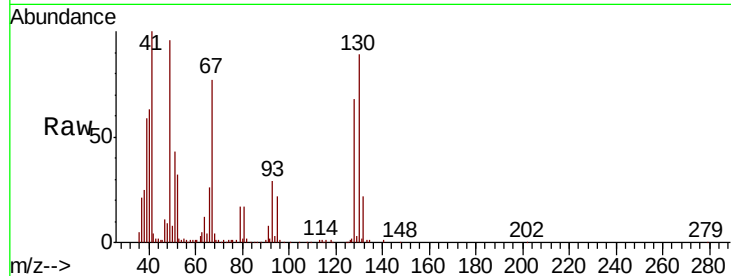
Tgt Ion:128 Resp: 32369

Ion Ratio Lower Upper

128 100

49 138.9 0.0 350.8

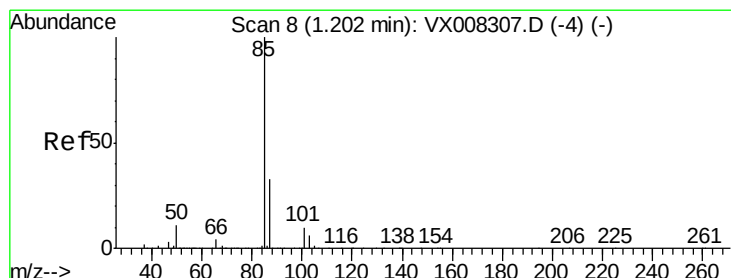
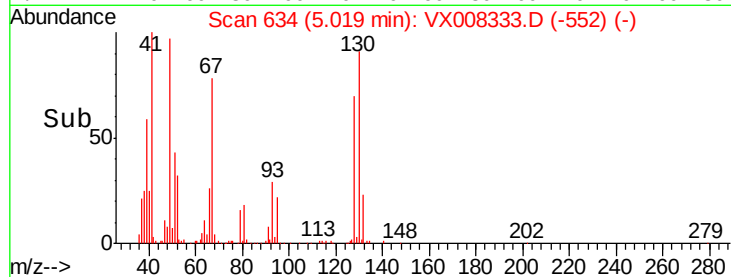
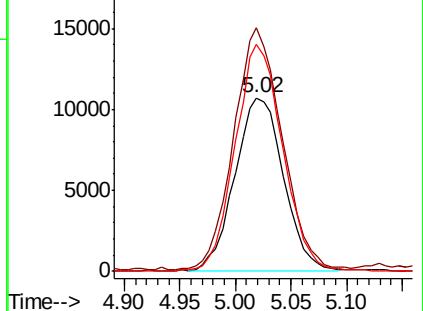
130 128.4 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 98.934 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX008333.D

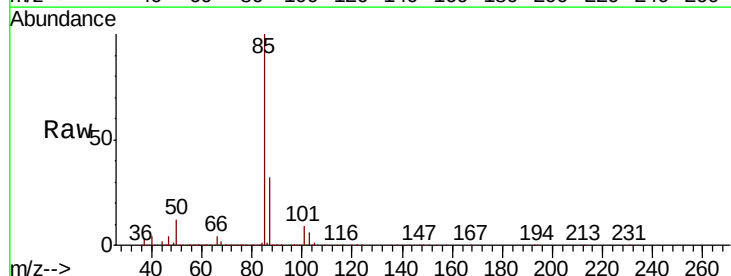
Acq: 22 Mar 2019 12:13

Tgt Ion: 85 Resp: 171825

Ion Ratio Lower Upper

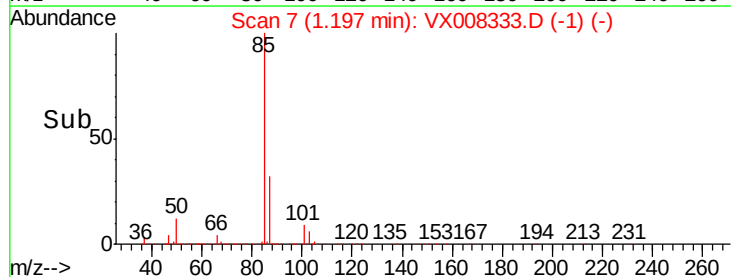
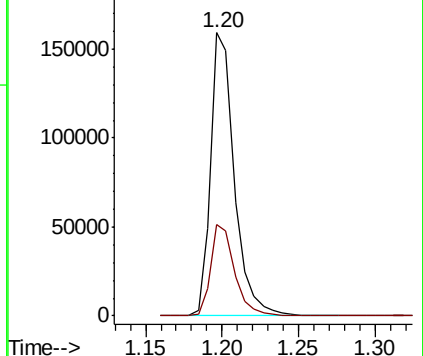
85 100

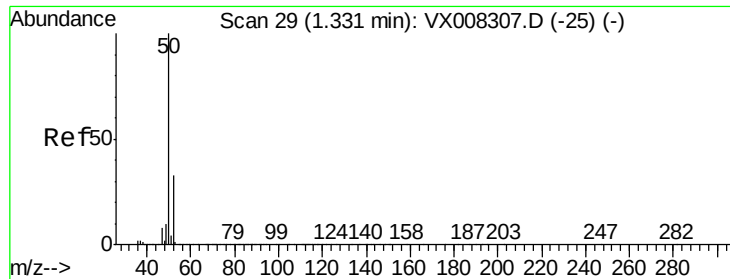
87 32.2 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 96.407 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

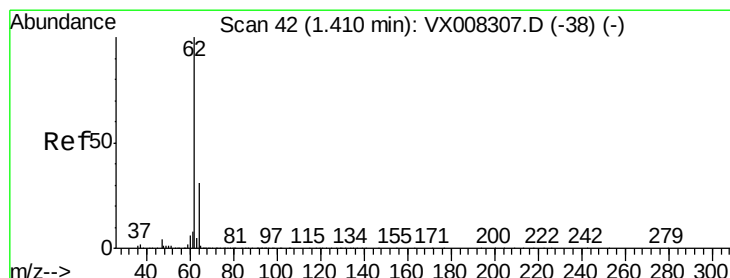
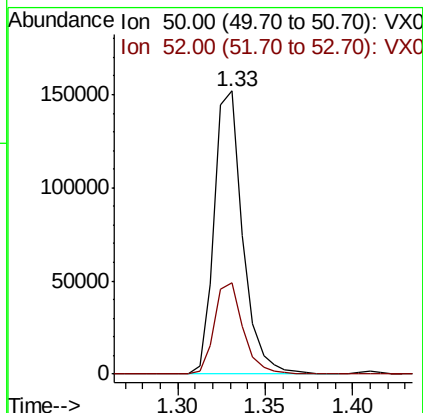
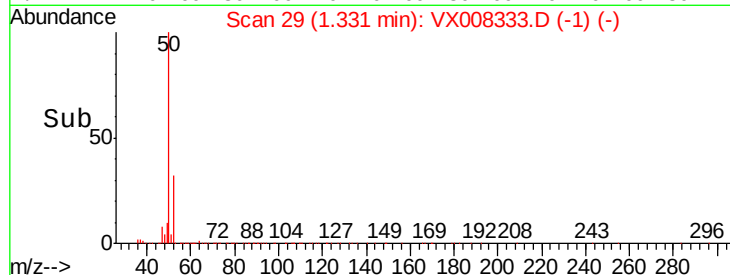
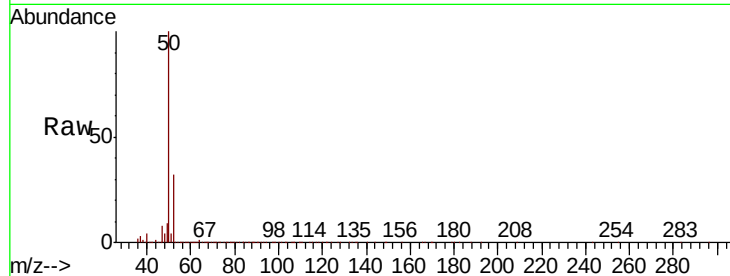
VSTDIC100

Tgt Ion: 50 Resp: 171196

Ion Ratio Lower Upper

50 100

52 32.0 27.5 41.3



#4

Vinyl Chloride

Concen: 97.726 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008333.D

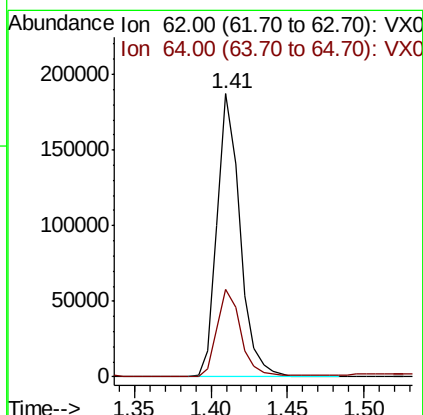
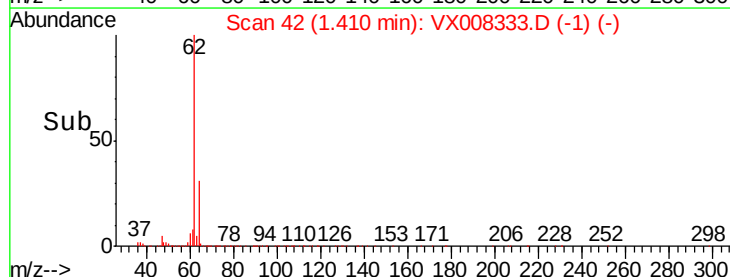
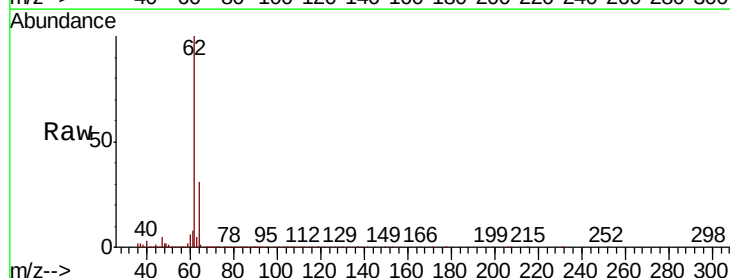
Acq: 22 Mar 2019 12:13

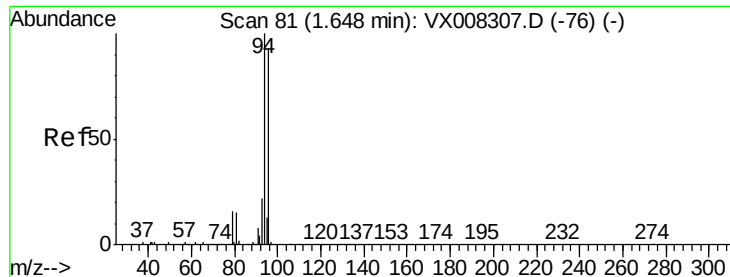
Tgt Ion: 62 Resp: 195591

Ion Ratio Lower Upper

62 100

64 30.5 25.9 38.9





#5

Bromomethane

Concen: 112.074 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

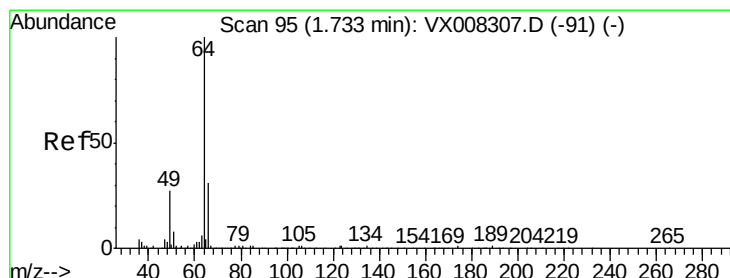
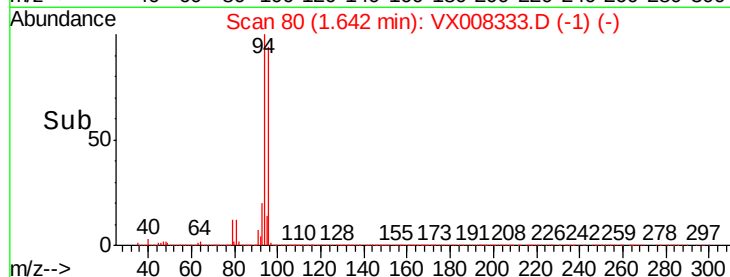
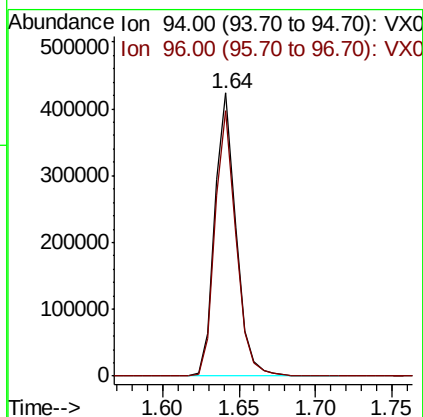
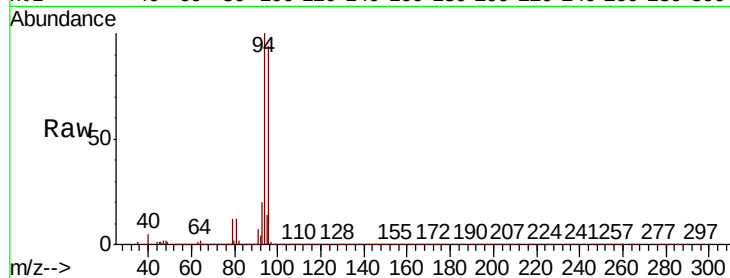
VSTDIC100

Tgt Ion: 94 Resp: 406622

Ion Ratio Lower Upper

94 100

96 94.0 75.6 113.4



#6

Chloroethane

Concen: 87.814 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.02 min

Lab File: VX008333.D

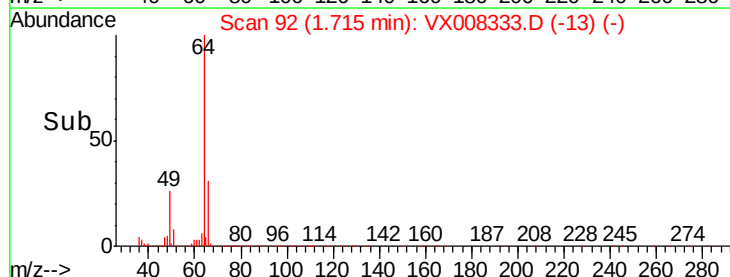
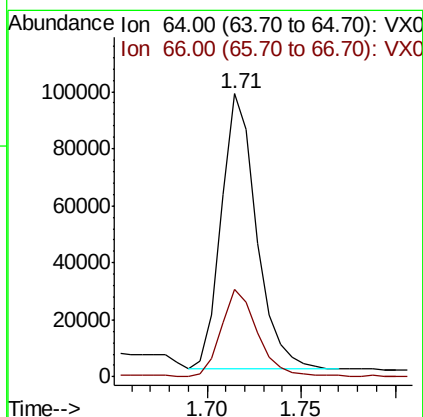
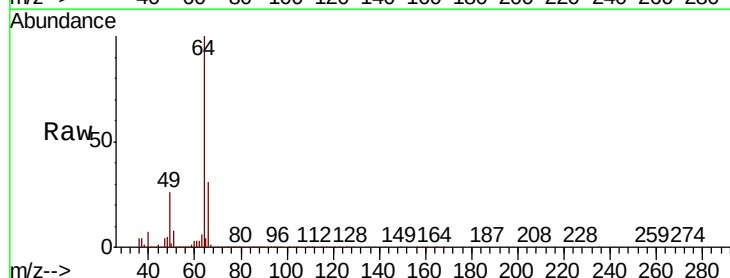
Acq: 22 Mar 2019 12:13

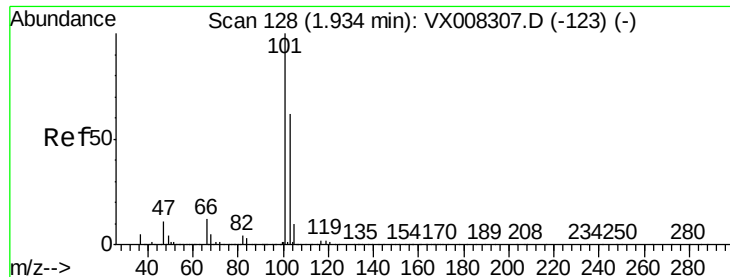
Tgt Ion: 64 Resp: 124908

Ion Ratio Lower Upper

64 100

66 31.3 23.9 35.9



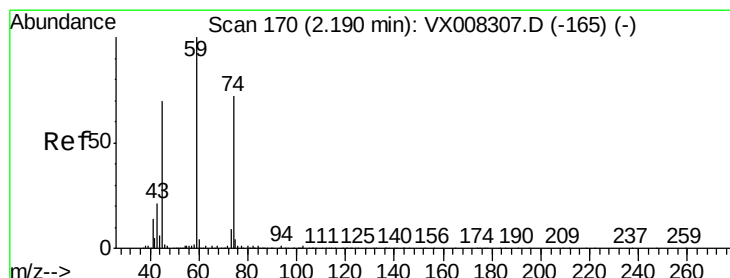
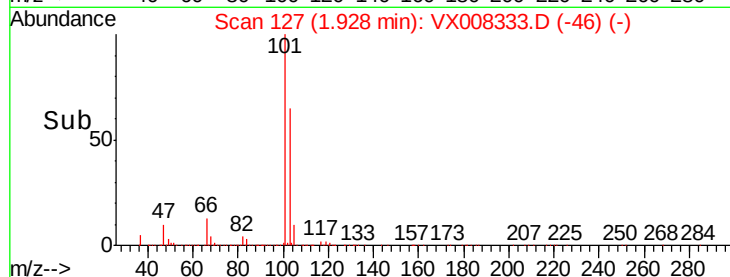
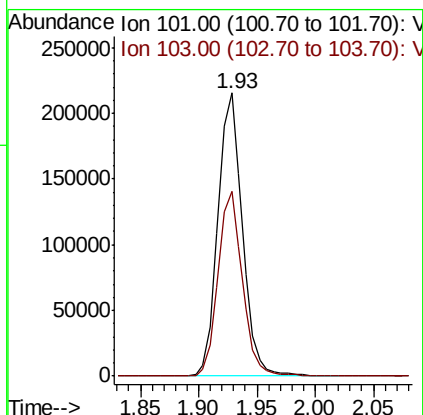
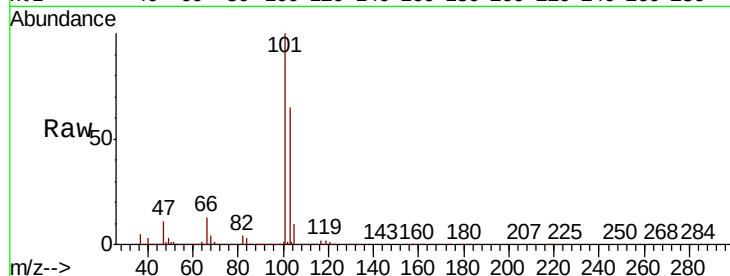


#7

Trichlorofluoromethane
 Concen: 97.640 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: VX008333.D
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 ClientSampleId :
 VSTDIC100

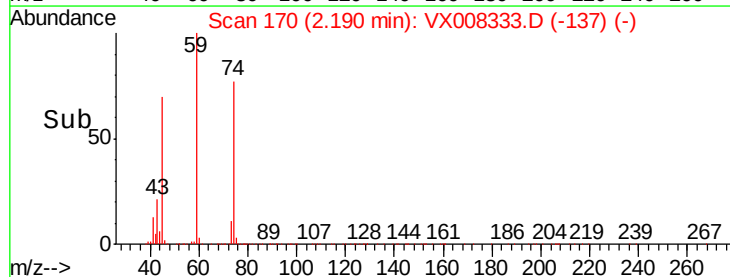
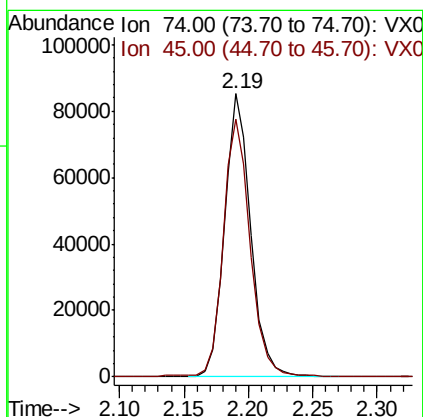
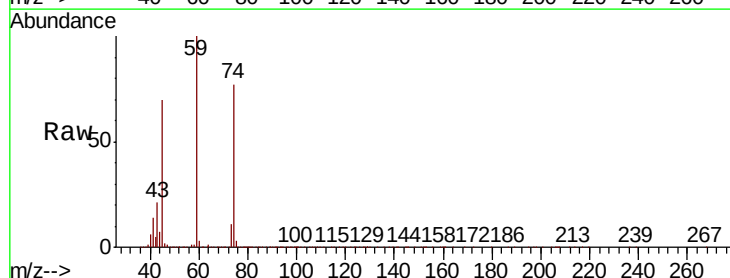
Tgt Ion: 101 Resp: 311086
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.4 75.6

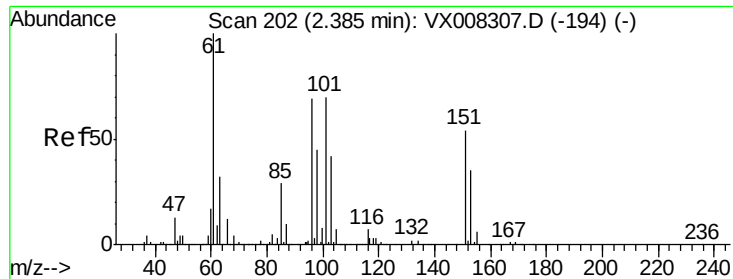


#8

Diethyl Ether
 Concen: 98.218 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion: 74 Resp: 121363
 Ion Ratio Lower Upper
 74 100
 45 93.2 18.6 167.8

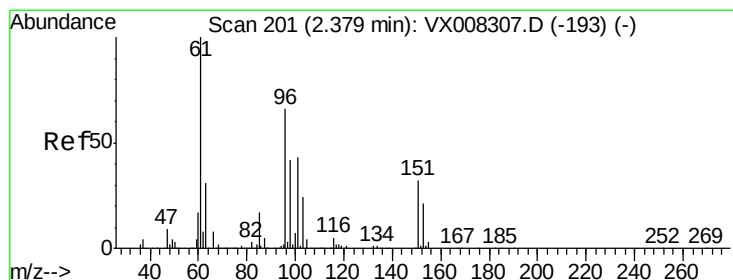
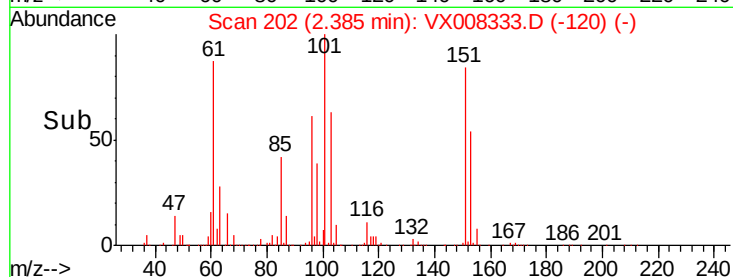
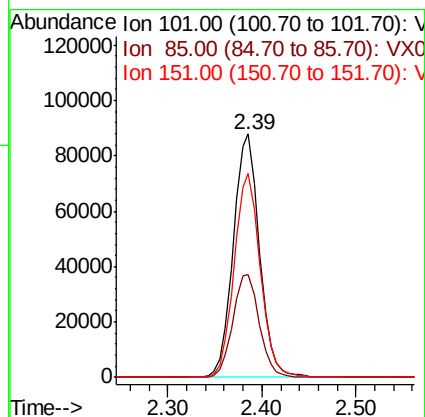
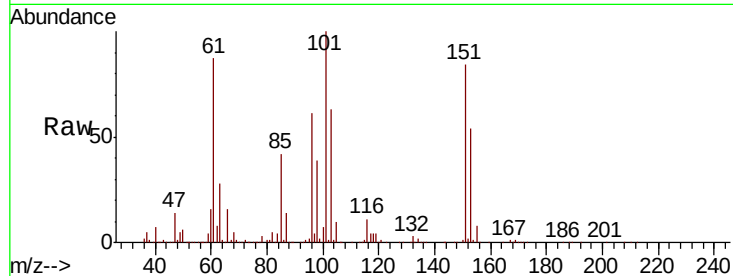




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 96.074 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

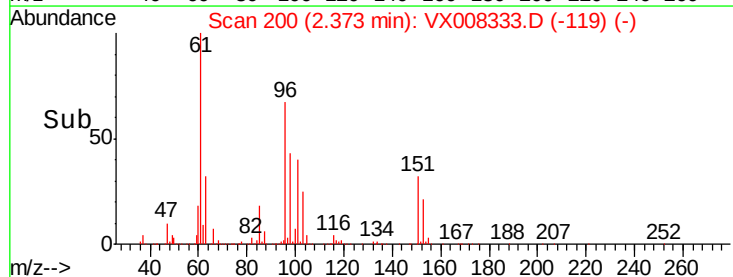
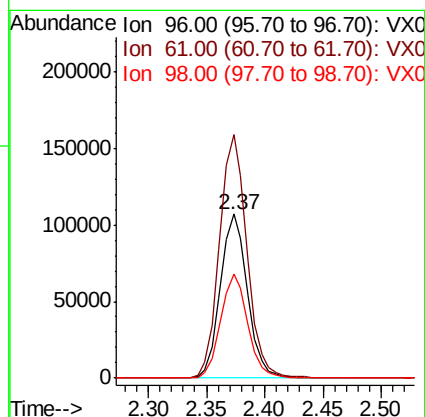
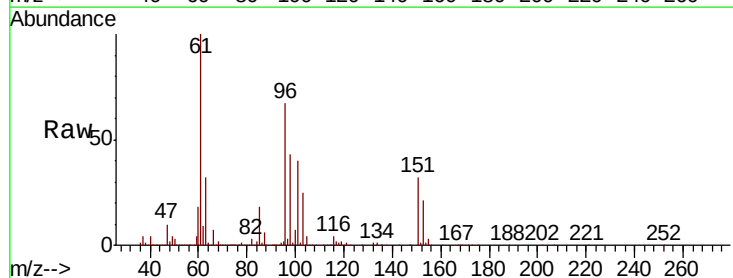
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

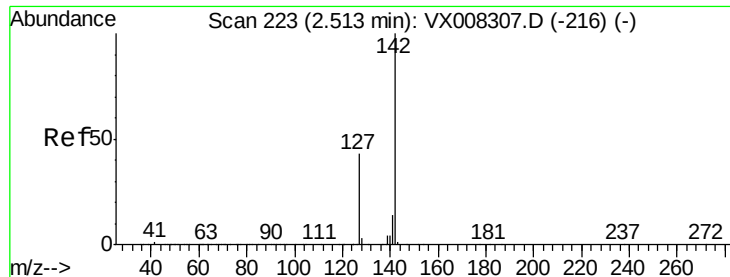
Tgt Ion: 101 Resp: 169286
 Ion Ratio Lower Upper
 101 100
 85 42.9 0.0 86.8
 151 83.8 0.0 169.2



#10
 1,1-Dichloroethene
 Concen: 98.770 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.01 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion: 96 Resp: 171787
 Ion Ratio Lower Upper
 96 100
 61 148.7 120.2 180.2
 98 63.7 49.0 73.4

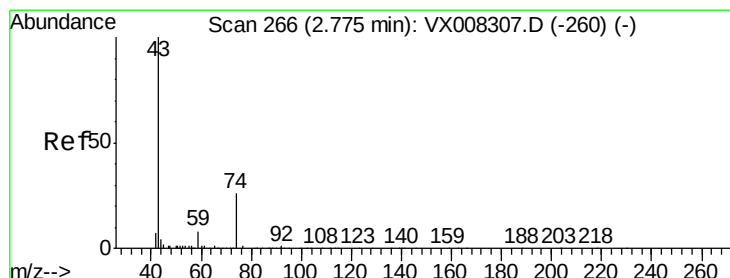
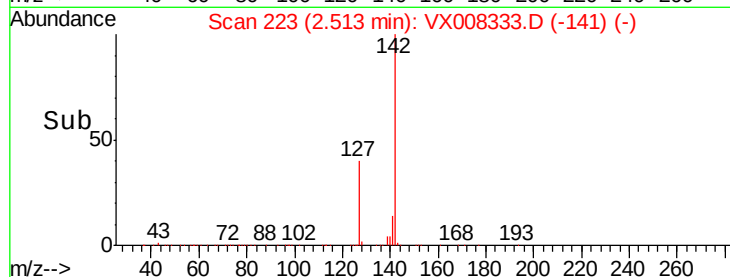
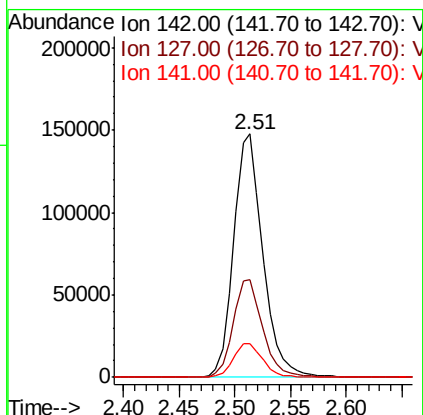
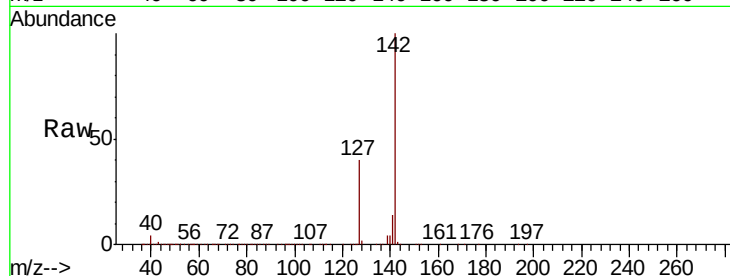




#11
Methyl Iodide
Concen: 101.849 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

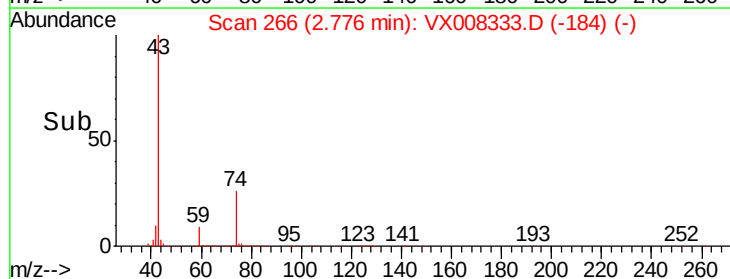
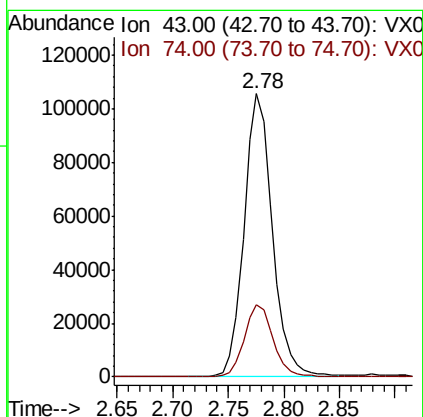
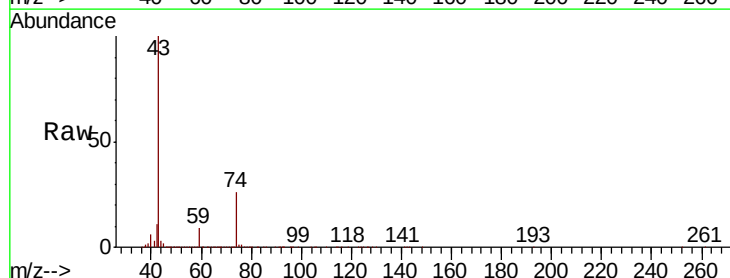
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

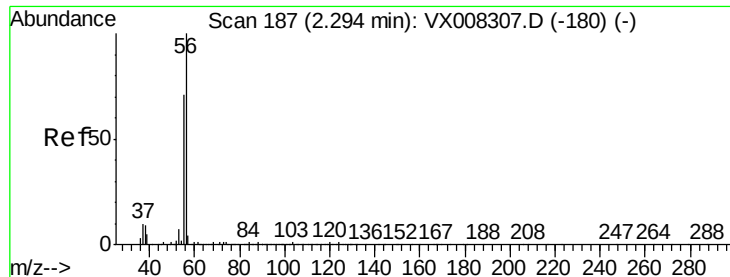
Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.1	22.1	66.5
141	13.6	7.4	22.3



#12
Methyl Acetate
Concen: 97.961 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.4	29.0

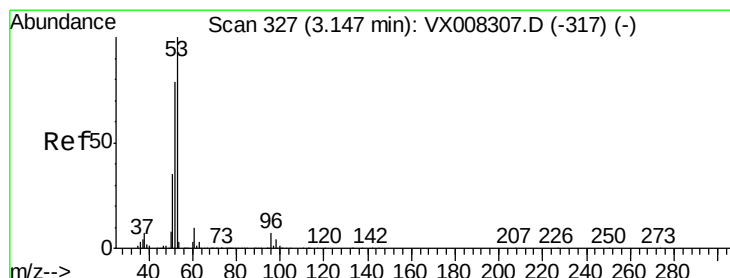
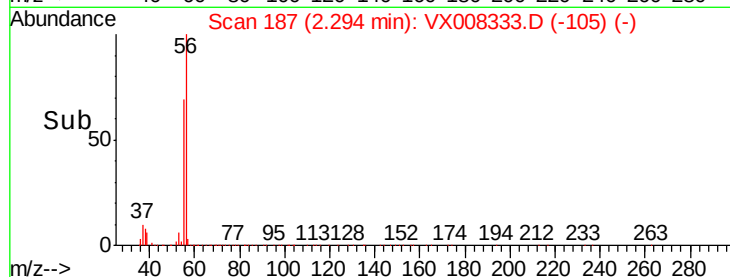
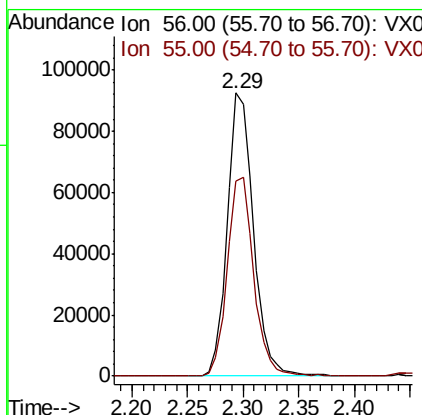
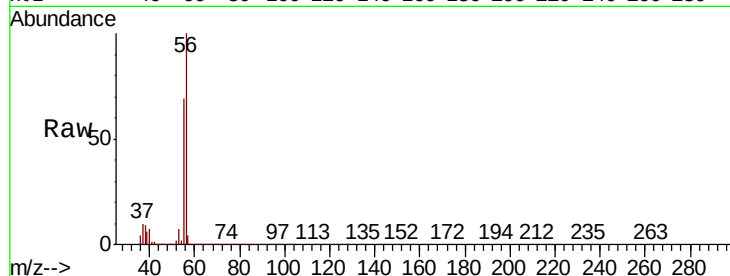




#13
Acrolein
Concen: 508.092 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

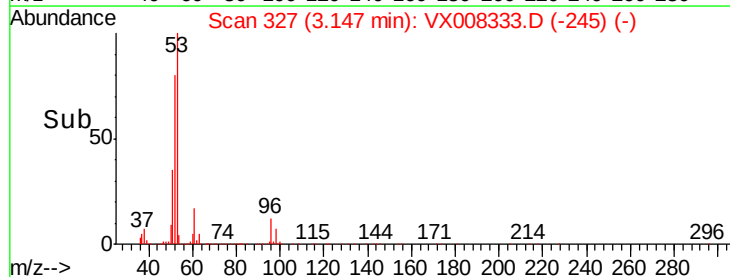
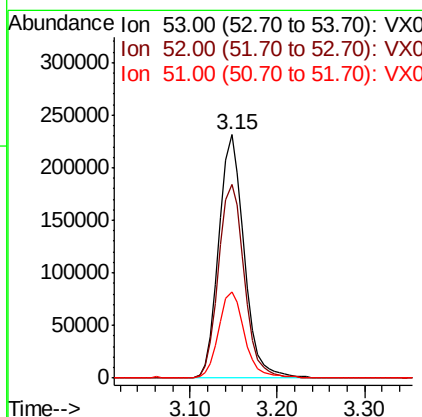
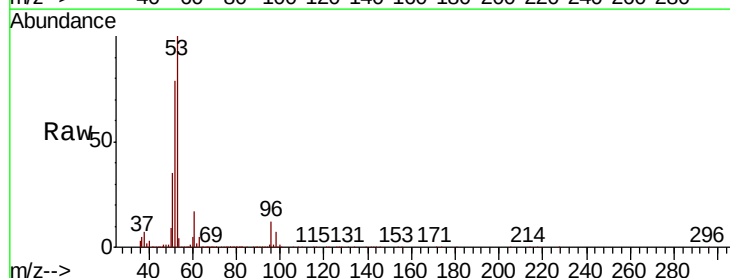
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

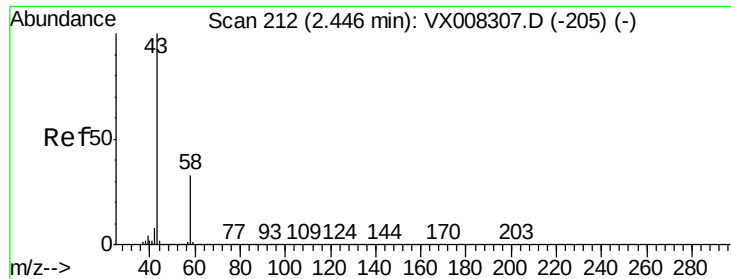
Tgt Ion: 56 Resp: 151063
Ion Ratio Lower Upper
56 100
55 70.3 58.6 87.8



#14
Acrylonitrile
Concen: 493.616 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion: 53 Resp: 464915
Ion Ratio Lower Upper
53 100
52 81.0 41.3 124.1
51 36.4 17.5 52.6

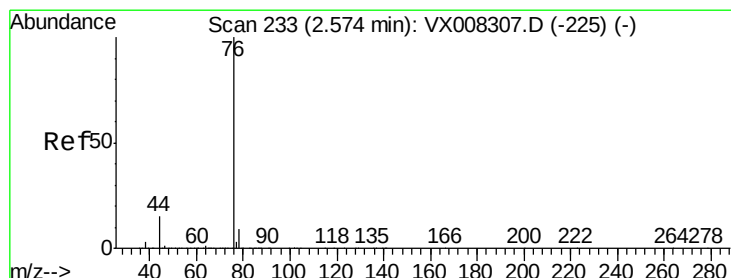
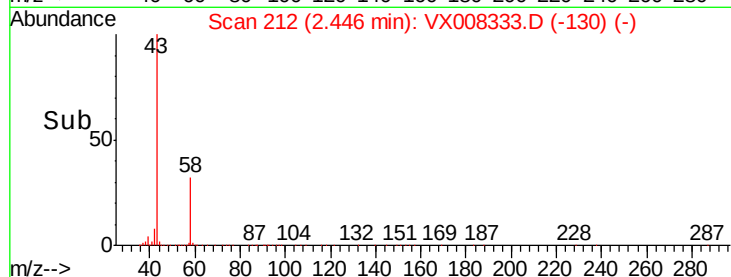
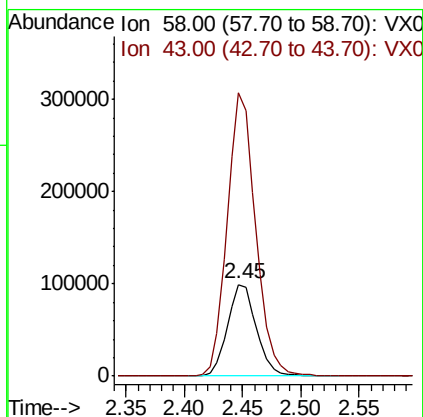
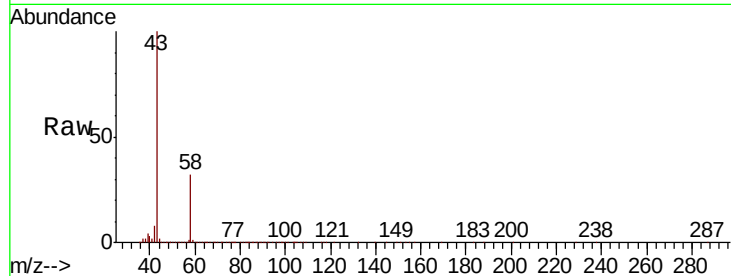




#15
Acetone
Concen: 464.664 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

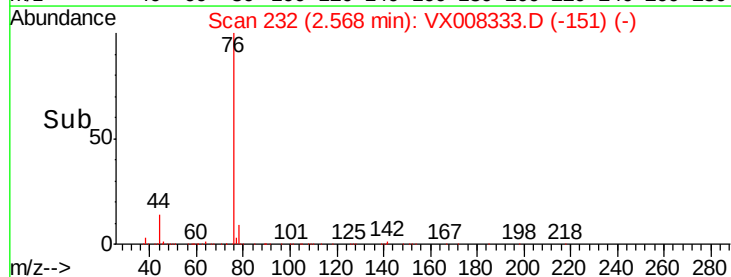
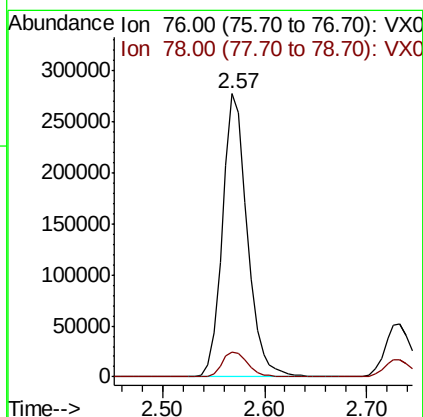
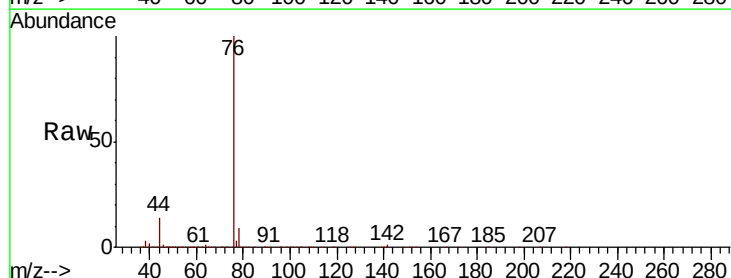
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

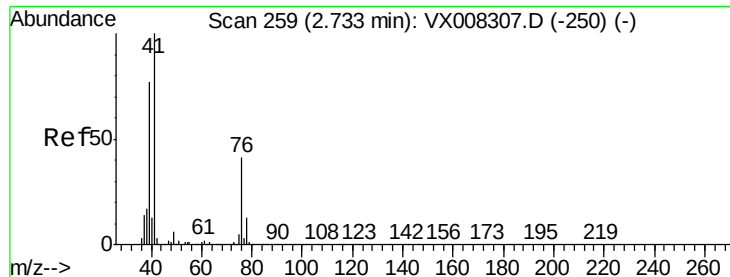
Tgt Ion: 58 Resp: 171617
Ion Ratio Lower Upper
58 100
43 309.6 249.8 374.6



#16
Carbon Disulfide
Concen: 96.916 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion: 76 Resp: 467378
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

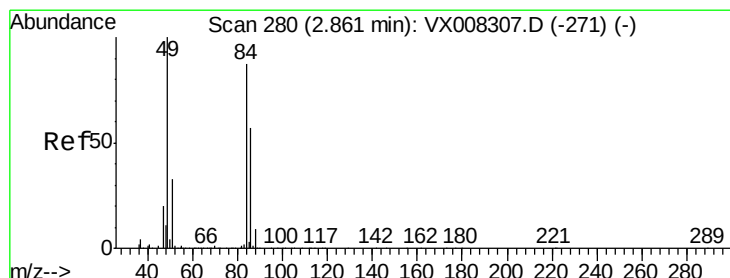
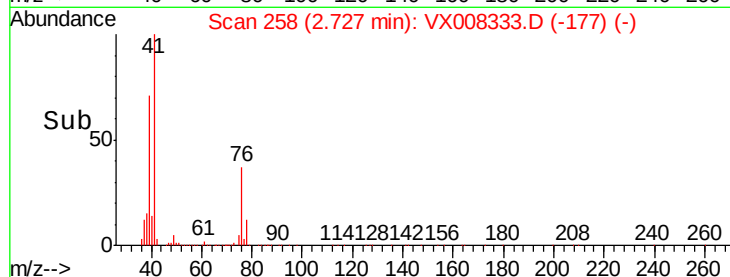
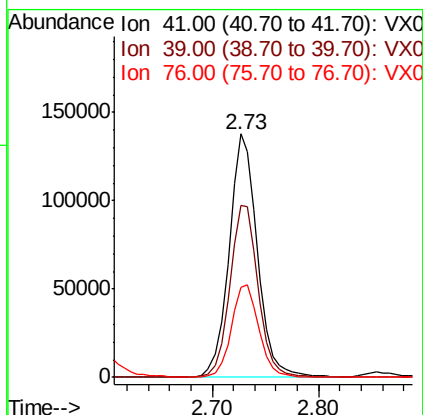
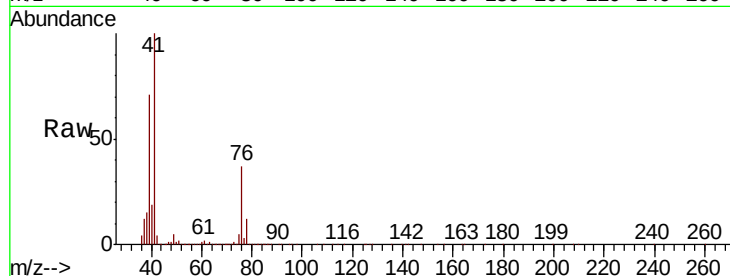




#17
 Allyl chloride
 Concen: 99.684 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

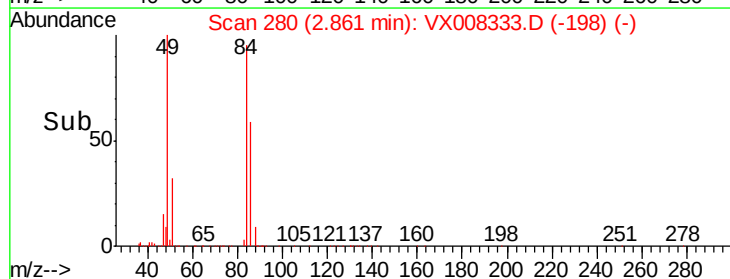
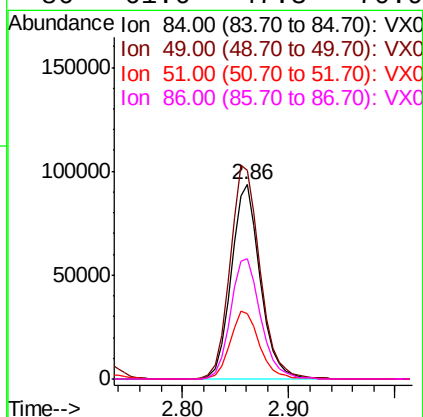
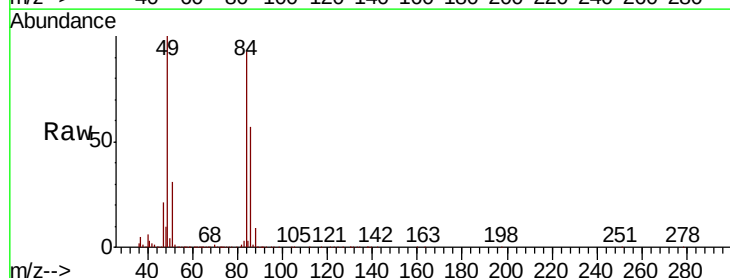
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

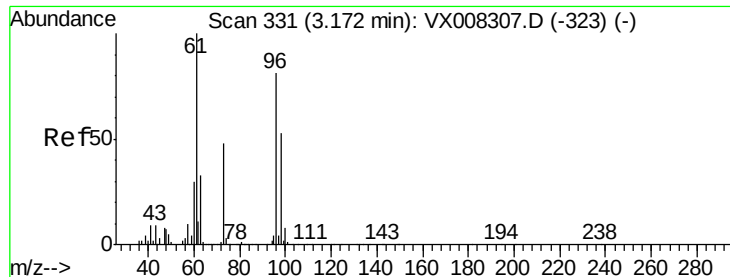
Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.8	35.8	107.4
76	37.1	18.3	54.9



#18
 Methylene Chloride
 Concen: 95.283 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.4	96.1	144.1
51	33.4	29.1	43.7
86	61.6	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 97.091 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

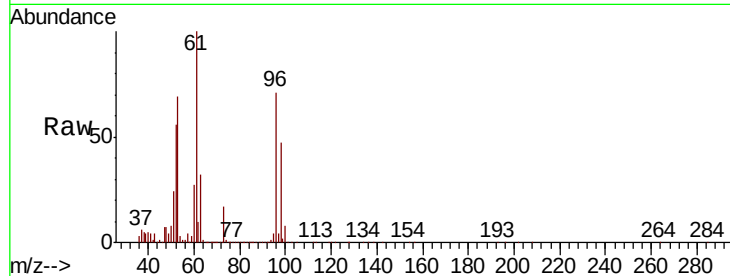
Tgt Ion: 96 Resp: 179256

Ion Ratio Lower Upper

96 100

61 139.8 109.9 164.9

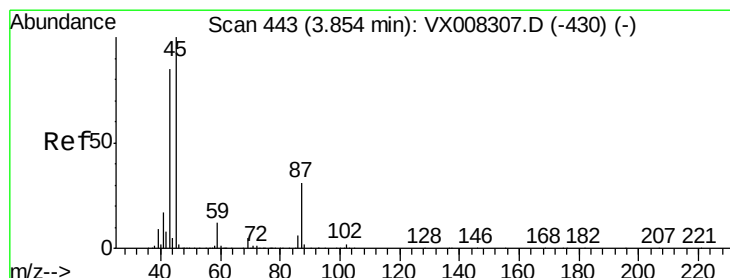
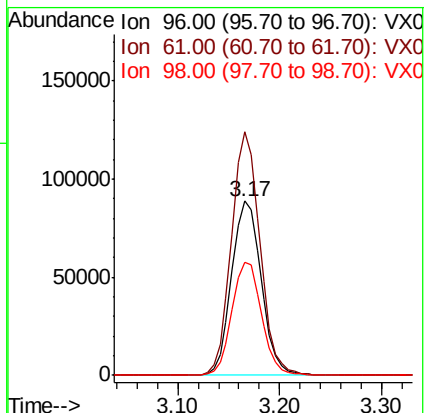
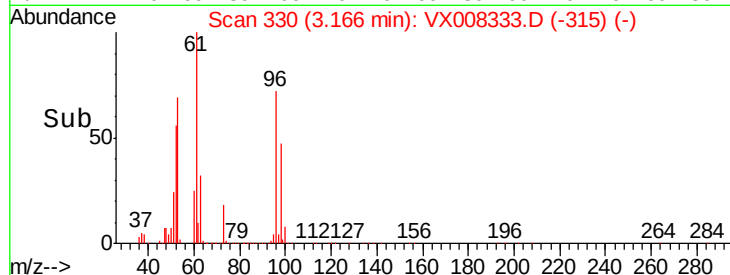
98 65.2 50.4 75.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 98.515 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Tgt Ion: 45 Resp: 528666

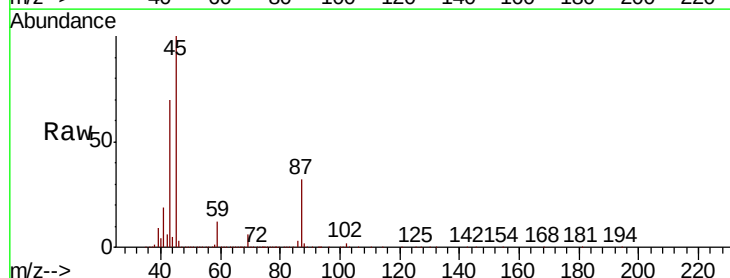
Ion Ratio Lower Upper

45 100

43 69.4 50.6 76.0

87 32.1 24.5 36.7

59 12.3 10.2 15.2

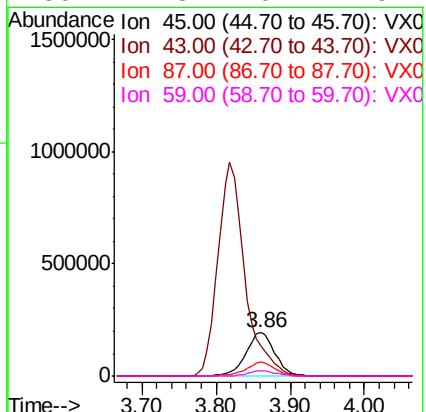
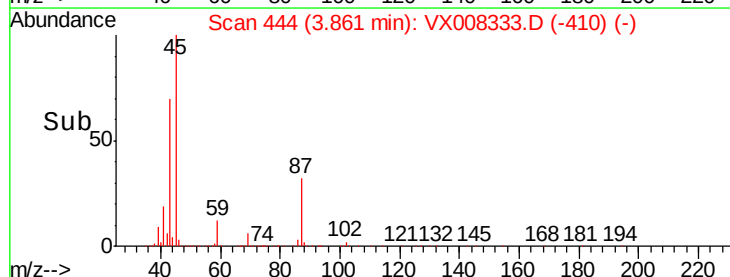


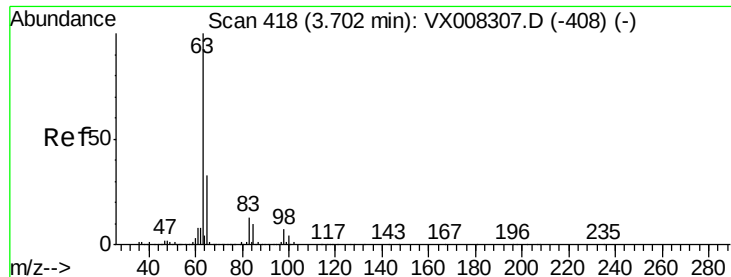
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 97.529 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

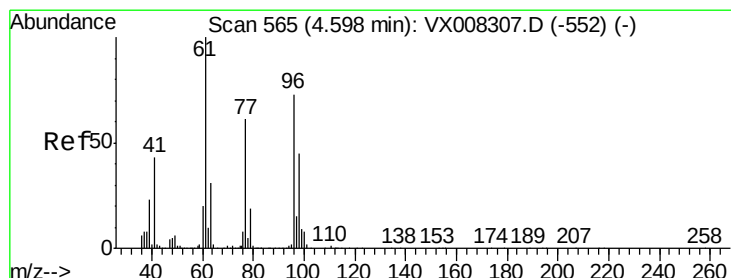
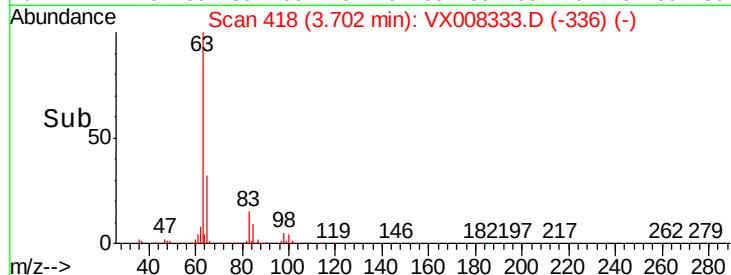
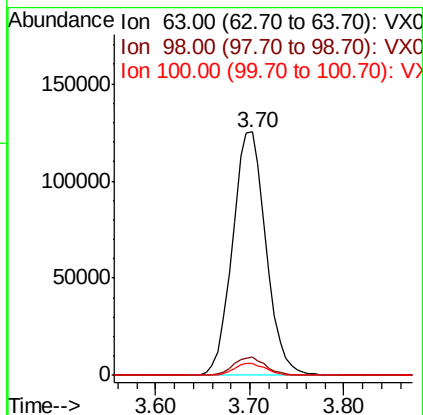
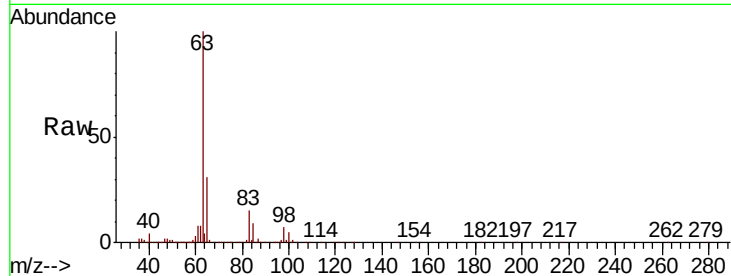
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:	63	Resp:	309101
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.8	11.4
100	4.8	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 98.058 ug/l

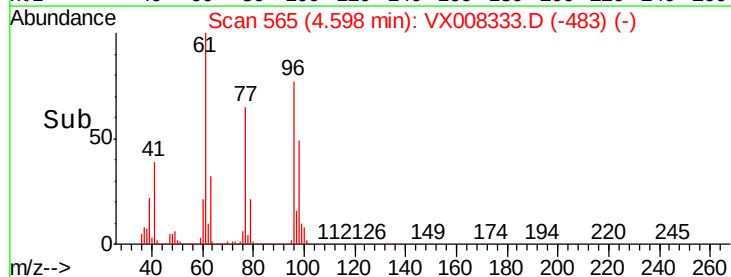
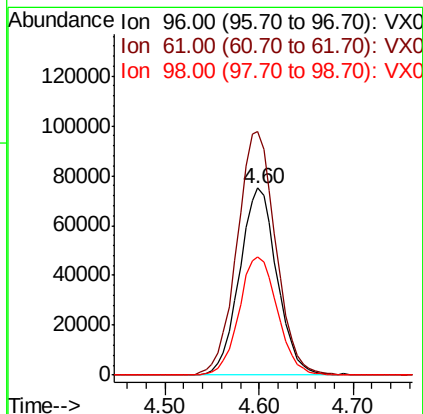
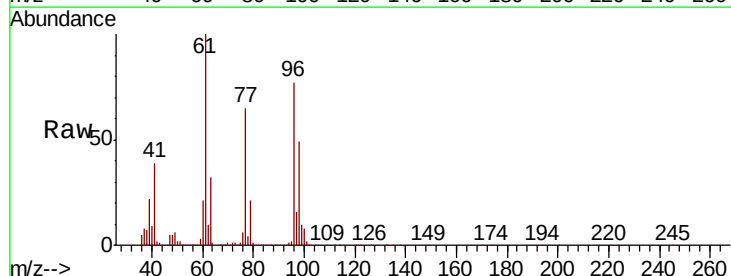
RT: 4.60 min Scan# 565

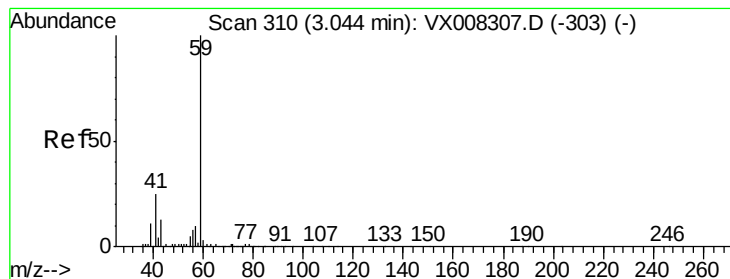
Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Tgt Ion:	96	Resp:	208807
Ion	Ratio	Lower	Upper
96	100		
61	134.2	103.5	155.3
98	65.1	52.1	78.1





#23

tert-Butyl Alcohol

Concen: 496.691 ug/l

RT: 3.06 min Scan# 312

Delta R.T. 0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

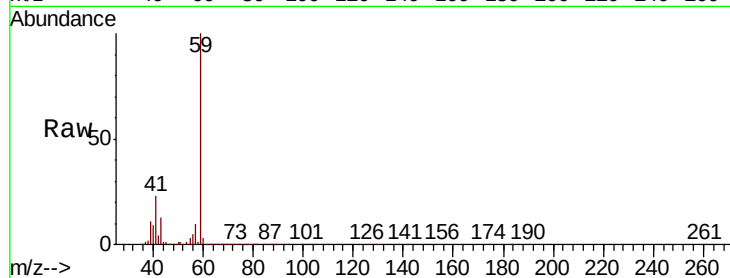
VSTDIC100

Tgt Ion: 59 Resp: 189915

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

200000

150000

100000

50000

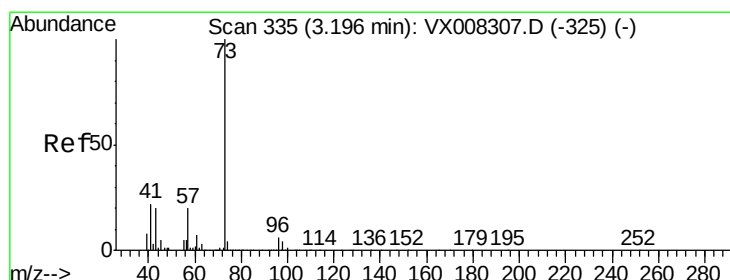
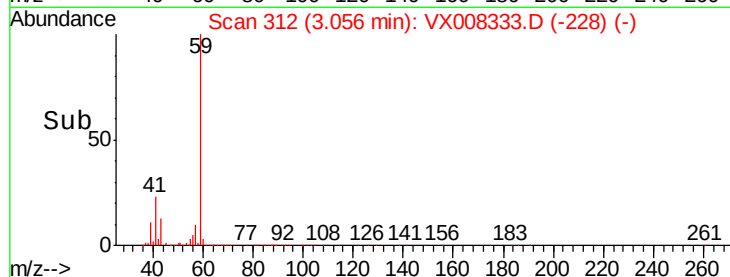
0

3.06

3.10

3.15

Time-->



#24

Methyl tert-Butyl Ether

Concen: 98.613 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX008333.D

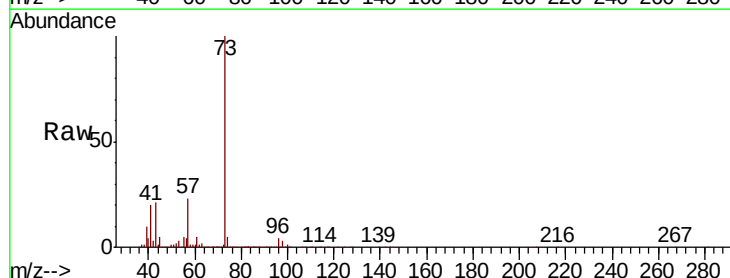
Acq: 22 Mar 2019 12:13

Tgt Ion: 73 Resp: 551021

Ion Ratio Lower Upper

73 100

43 20.5 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

250000

200000

150000

100000

50000

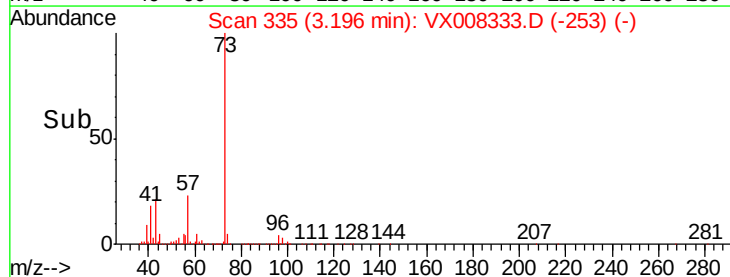
0

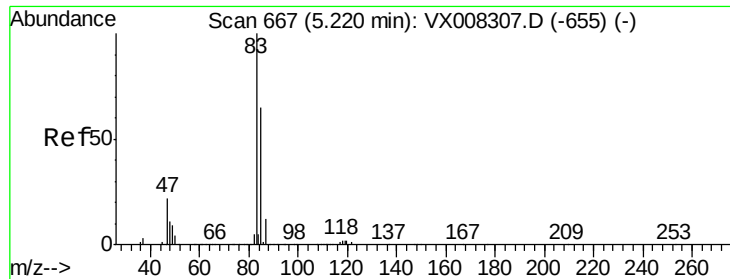
3.20

3.10

3.30

Time-->





#25

Chloroform

Concen: 97.264 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

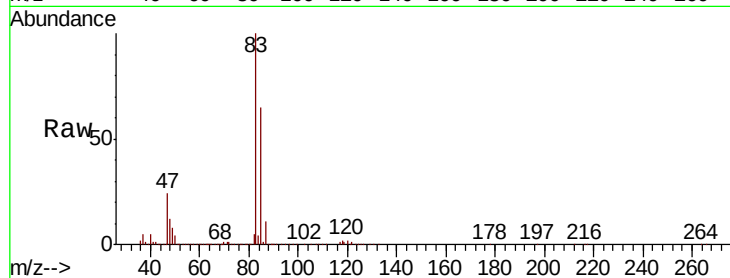
VSTDIC100

Tgt Ion: 83 Resp: 327000

Ion Ratio Lower Upper

83 100

85 64.6 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.21

120000

100000

80000

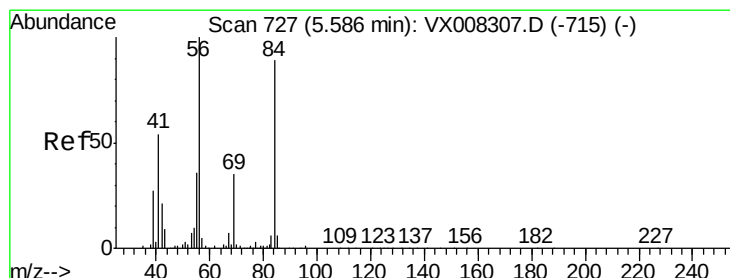
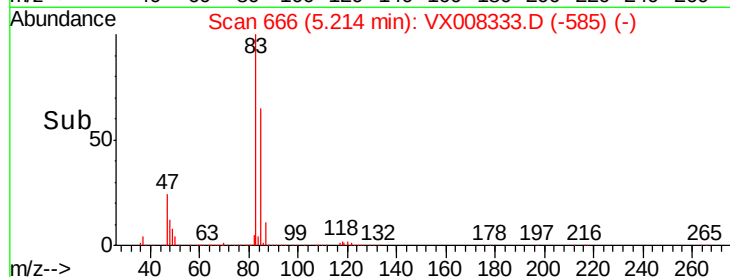
60000

40000

20000

0

Time-->



#26

Cyclohexane

Concen: 99.938 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

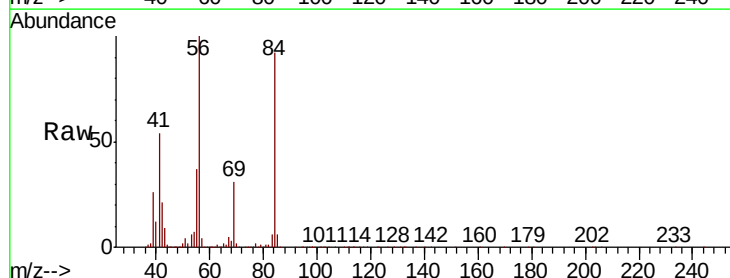
Tgt Ion: 56 Resp: 280114

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 92.5 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

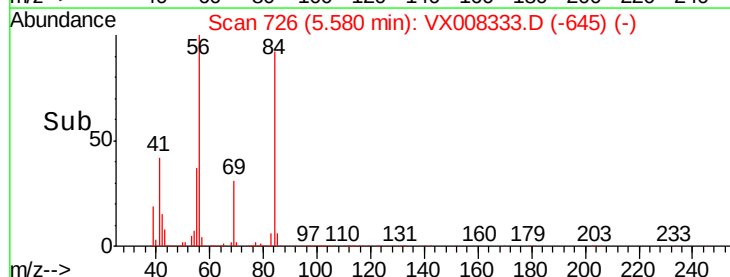
150000

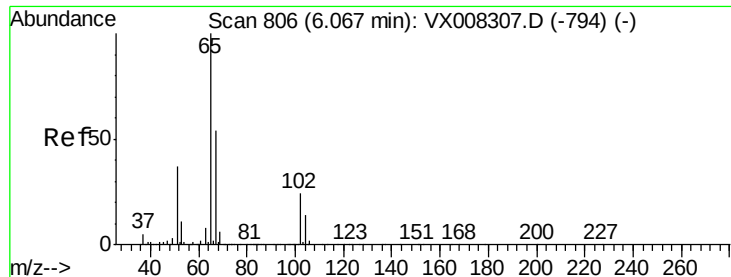
100000

50000

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 29.585 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampled :

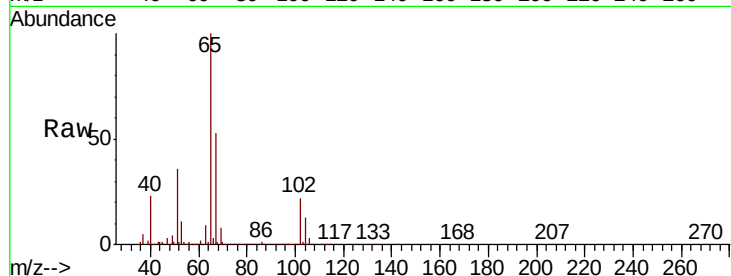
VSTDIC100

Tgt Ion: 65 Resp: 65440

Ion Ratio Lower Upper

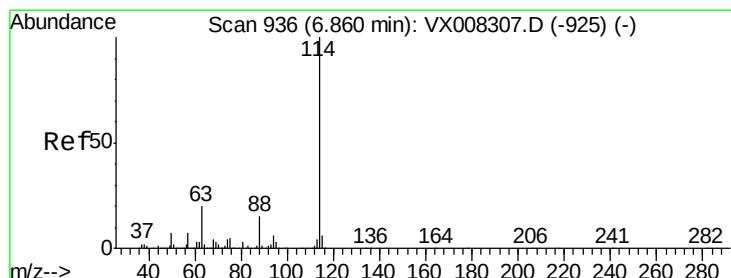
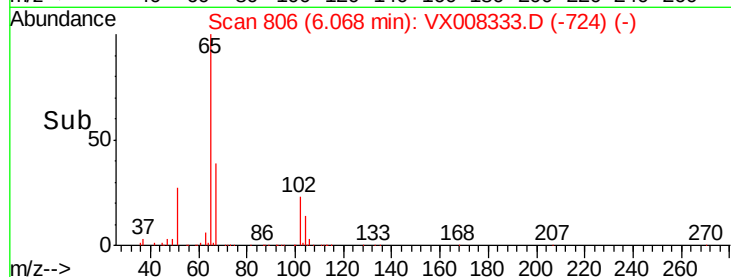
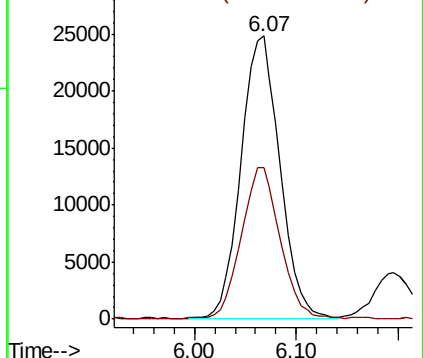
65 100

67 54.0 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

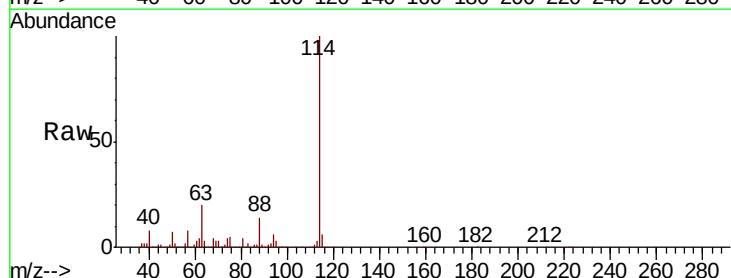
Tgt Ion: 114 Resp: 173019

Ion Ratio Lower Upper

114 100

63 19.0 14.2 21.4

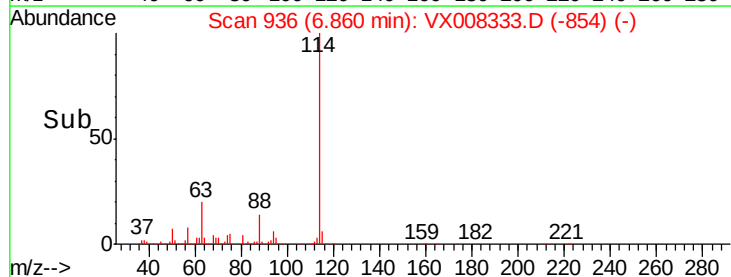
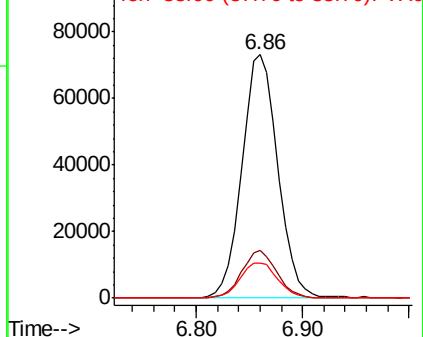
88 15.2 11.9 17.9

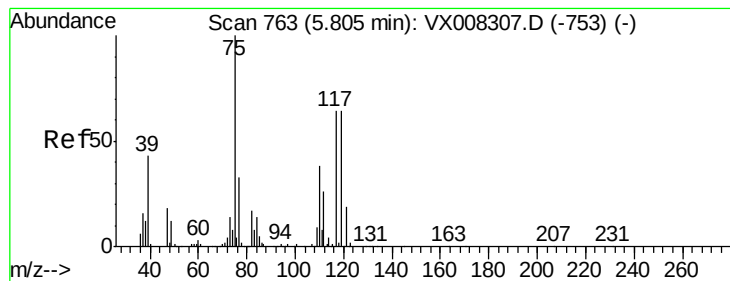


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 100.013 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

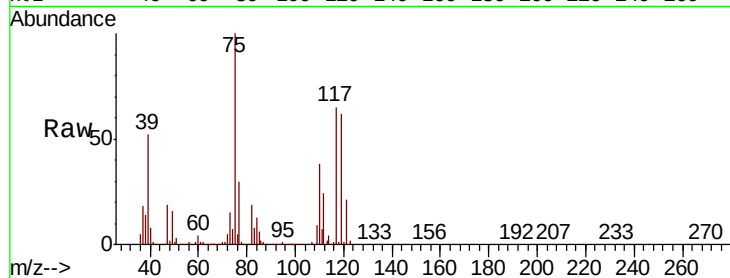
Tgt Ion: 75 Resp: 245772

Ion Ratio Lower Upper

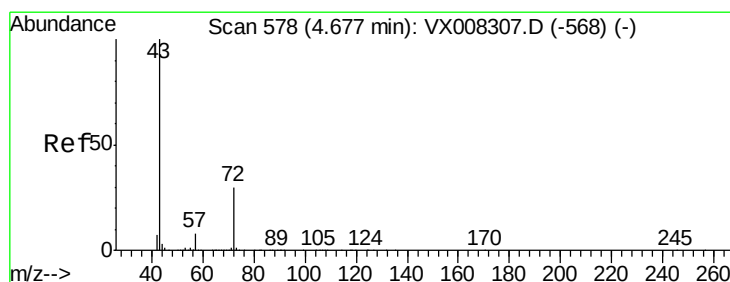
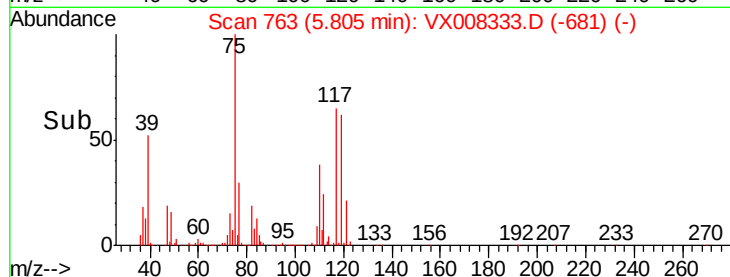
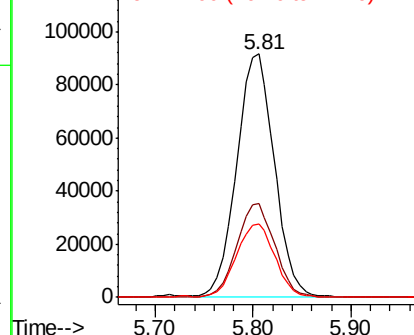
75 100

110 38.5 0.0 80.8

77 30.8 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 488.872 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

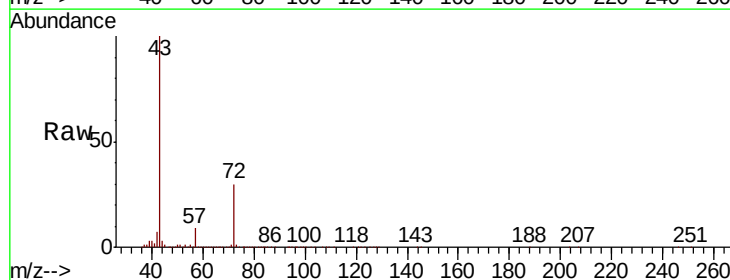
Tgt Ion: 43 Resp: 691960

Ion Ratio Lower Upper

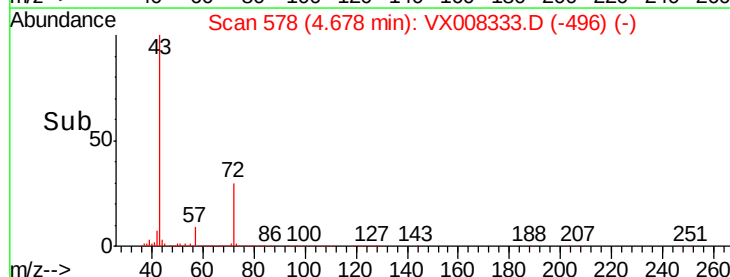
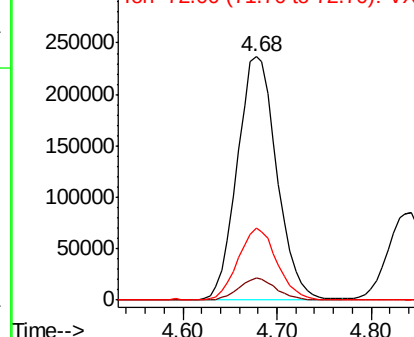
43 100

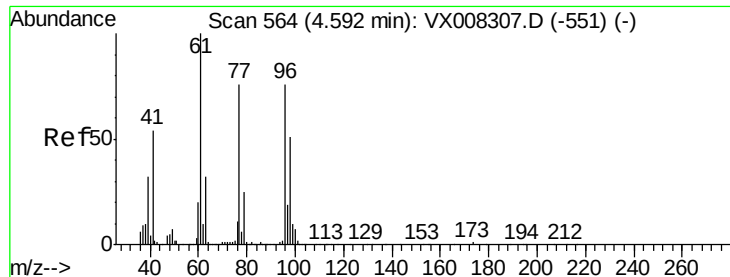
57 8.7 7.0 10.6

72 28.6 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 101.700 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

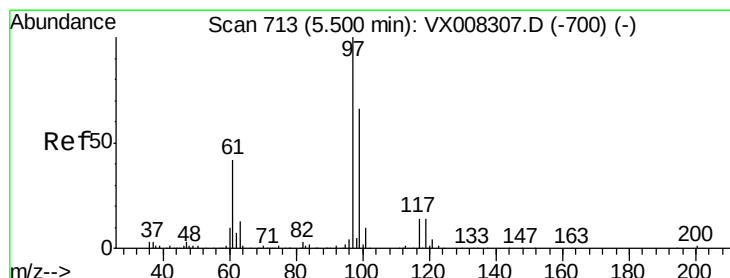
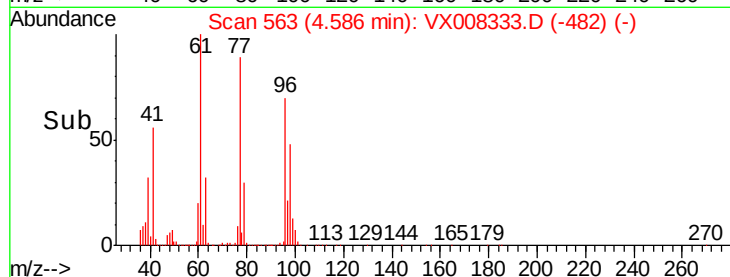
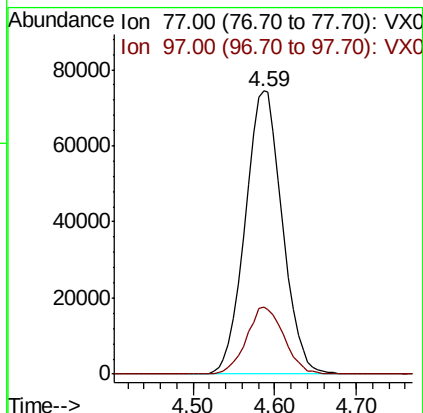
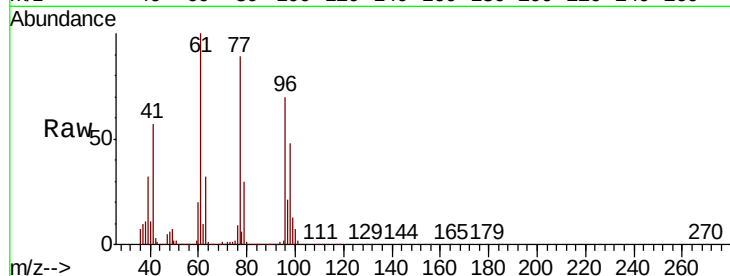
VSTDICC100

Tgt Ion: 77 Resp: 235298

Ion Ratio Lower Upper

77 100

97 23.9 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 99.914 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

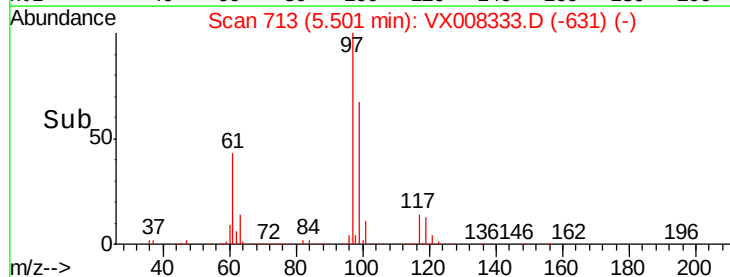
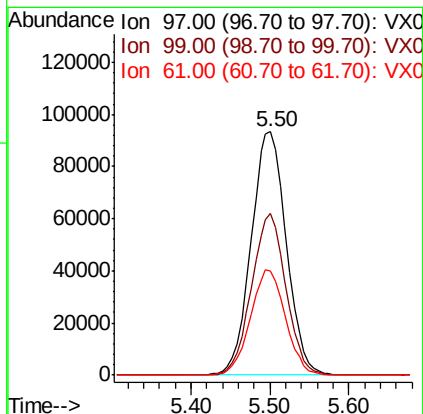
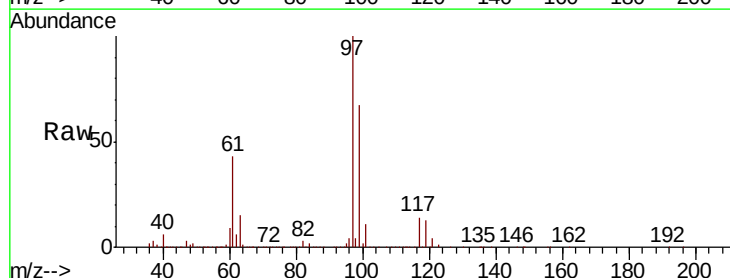
Tgt Ion: 97 Resp: 288894

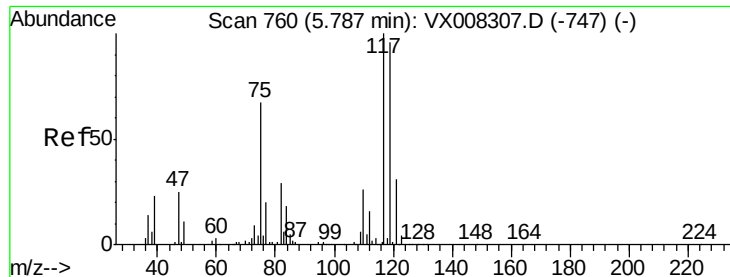
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 43.0 32.8 49.2





#33

Carbon Tetrachloride

Concen: 101.151 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

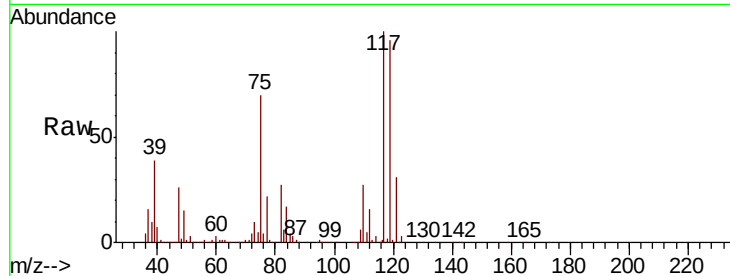
Tgt Ion:117 Resp: 268603

Ion Ratio Lower Upper

117 100

119 95.6 78.1 117.1

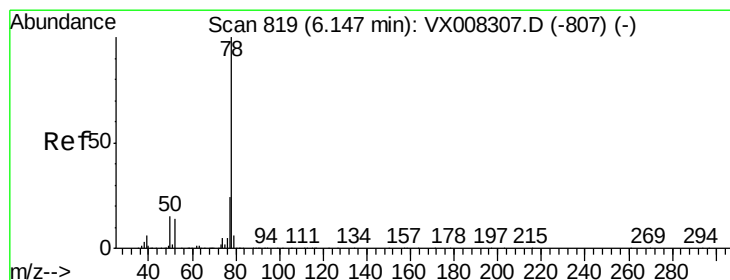
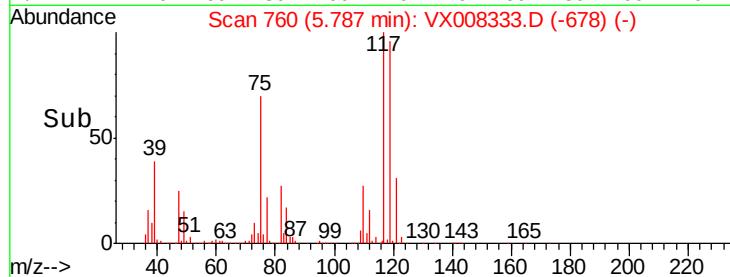
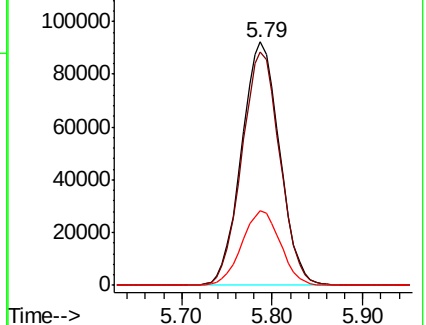
121 30.8 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 99.161 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

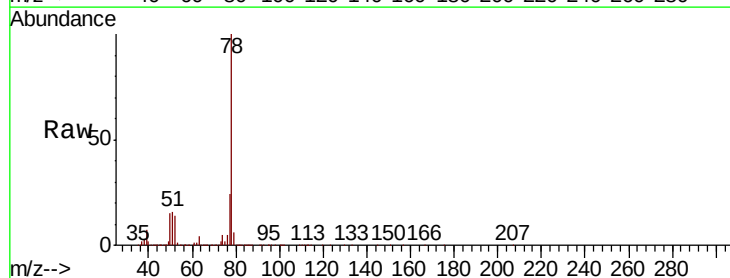
Tgt Ion: 78 Resp: 725860

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

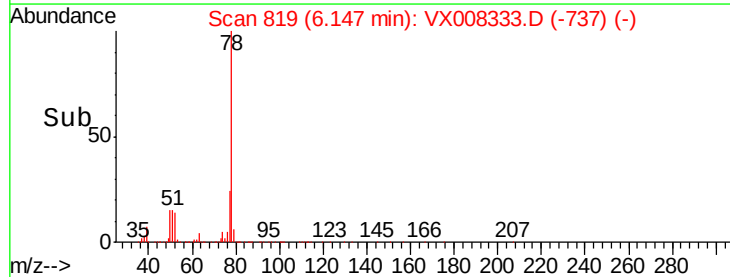
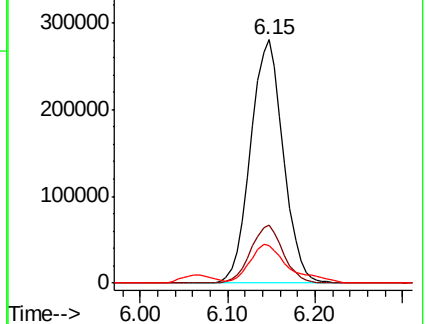
51 14.9 10.8 16.2

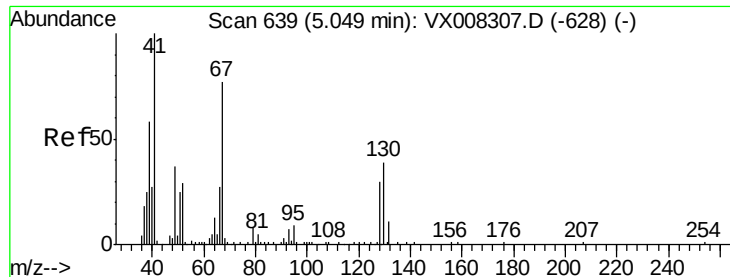


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

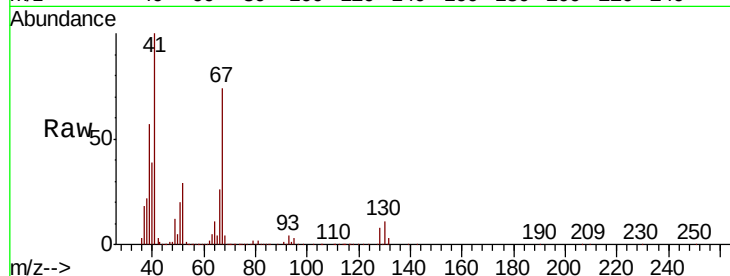




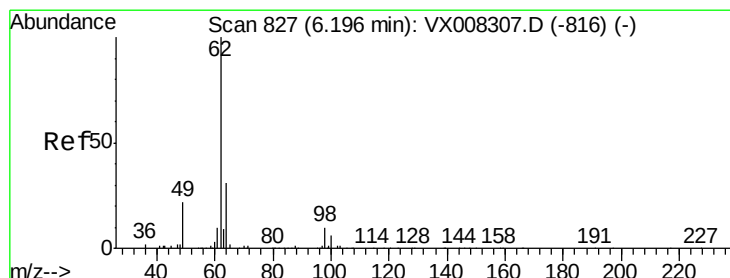
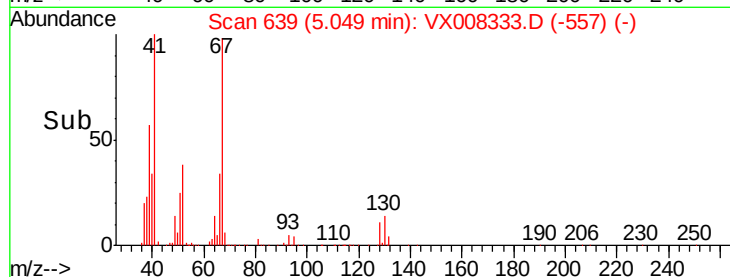
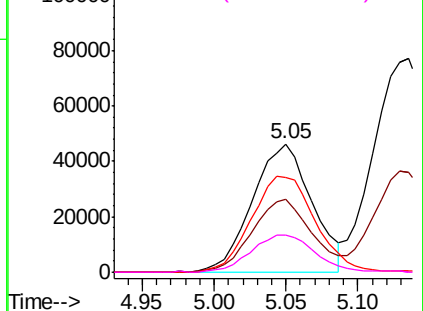
#35
Methacrylonitrile
Concen: 99.852 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	131649
Ion	Ratio	Lower	Upper
41	100		
39	56.5	27.4	82.0
67	74.1	37.9	113.6
52	28.9	13.3	39.9

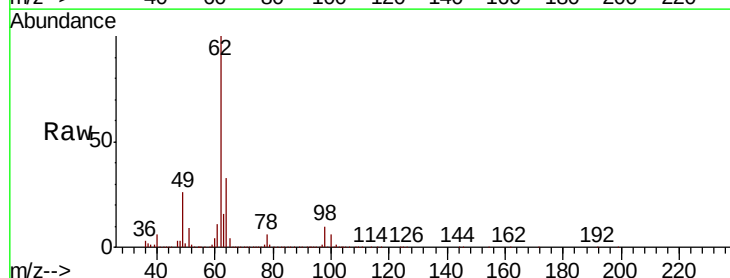


Abundance Ion 41.00 (40.70 to 41.70): VX0
120000
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

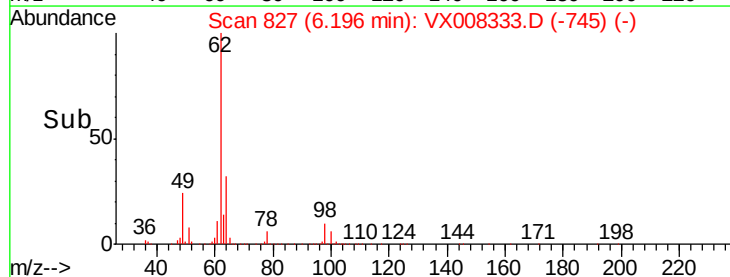
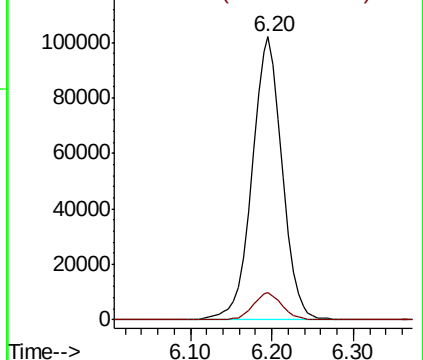


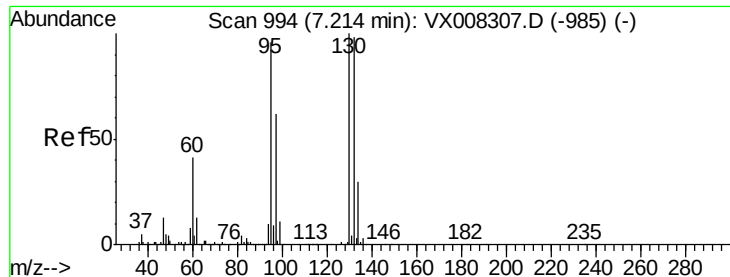
#36
1,2-Dichloroethane
Concen: 96.853 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion:	62	Resp:	261314
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
120000
Ion 98.00 (97.70 to 98.70): VX0

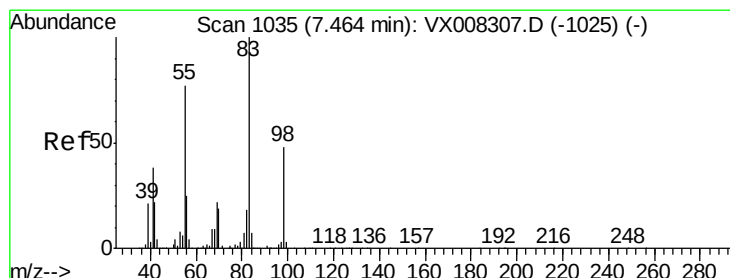
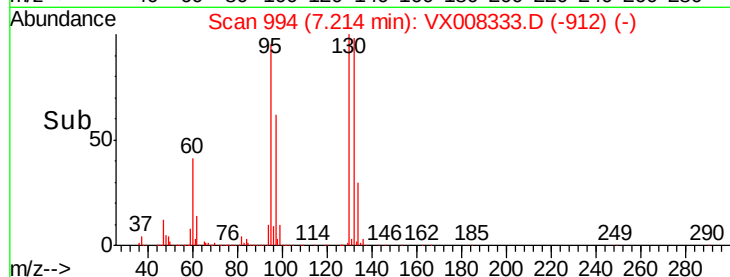
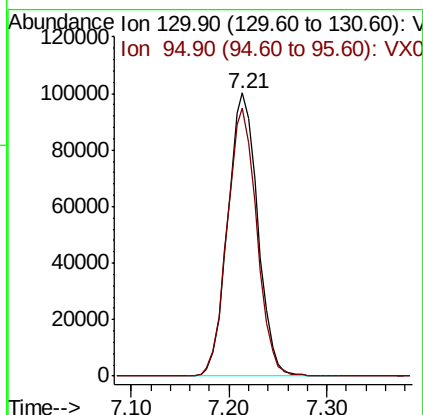
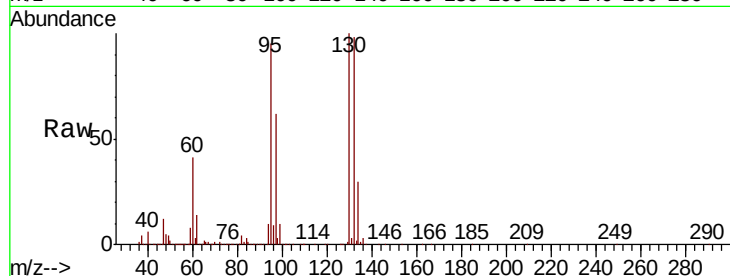




#37
 Trichloroethene
 Concen: 98.342 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

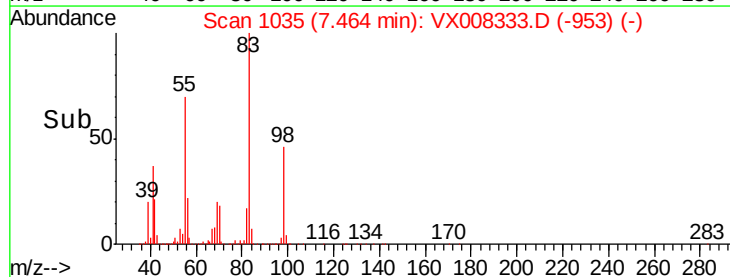
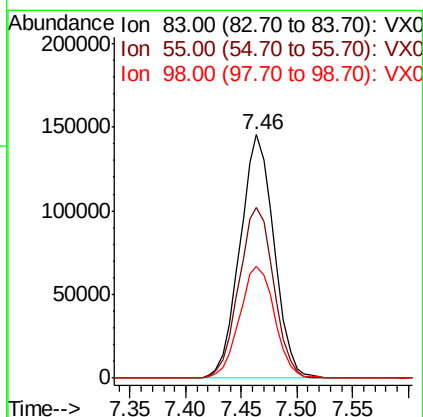
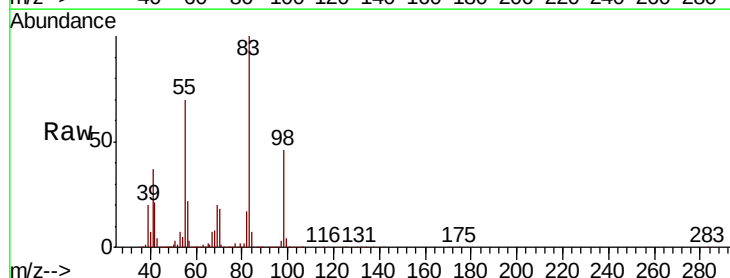
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

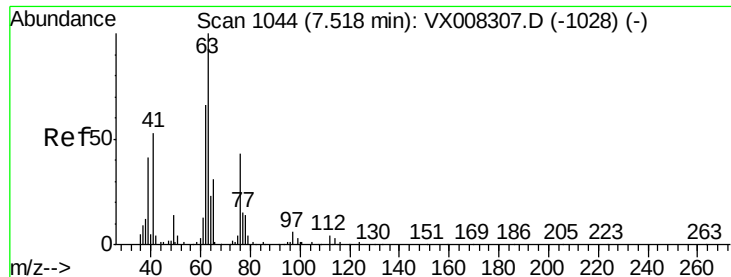
Tgt Ion:130 Resp: 211653
 Ion Ratio Lower Upper
 130 100
 95 94.7 71.3 106.9



#38
 Methylcyclohexane
 Concen: 100.016 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion: 83 Resp: 308033
 Ion Ratio Lower Upper
 83 100
 55 71.8 36.0 108.0
 98 47.7 23.8 71.4

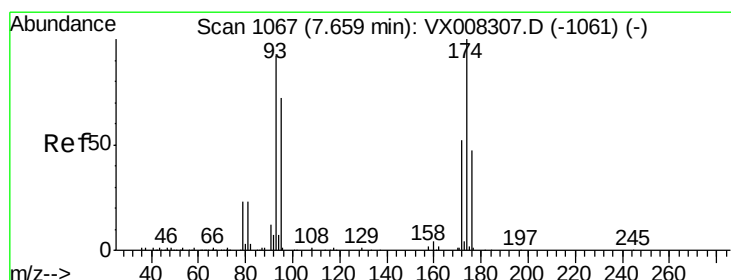
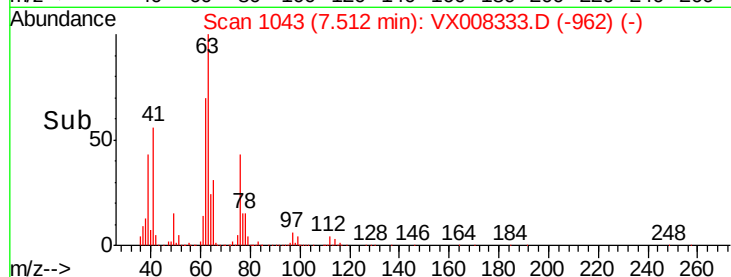
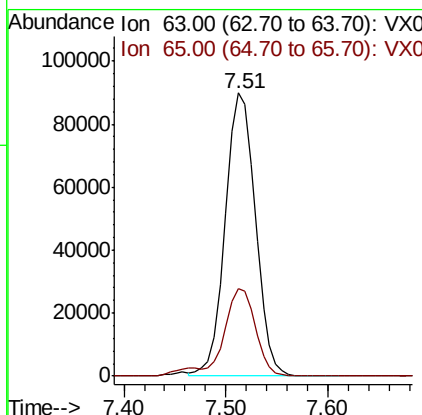
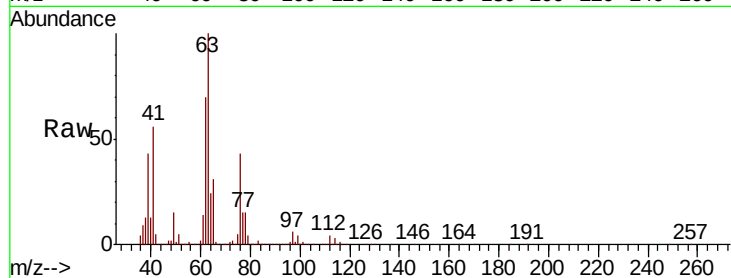




#39
 1,2-Dichloropropane
 Concen: 98.706 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

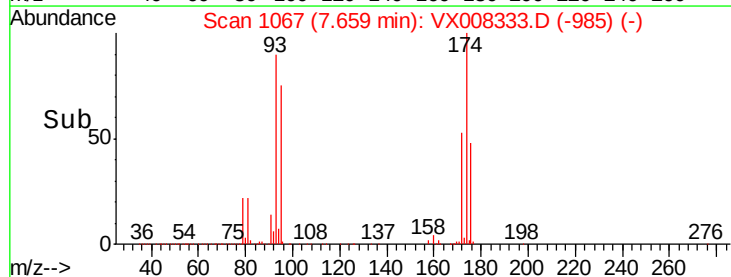
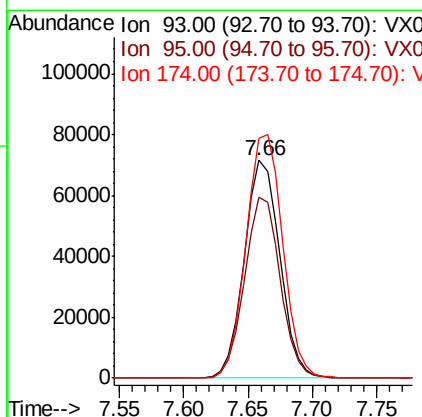
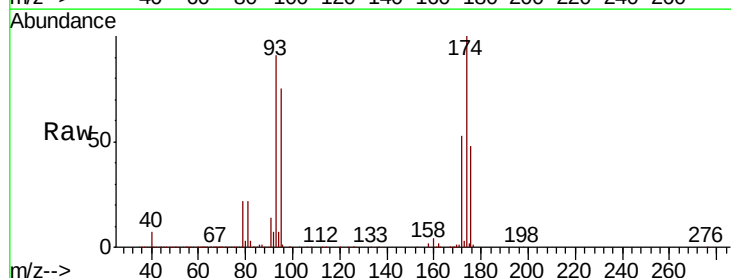
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

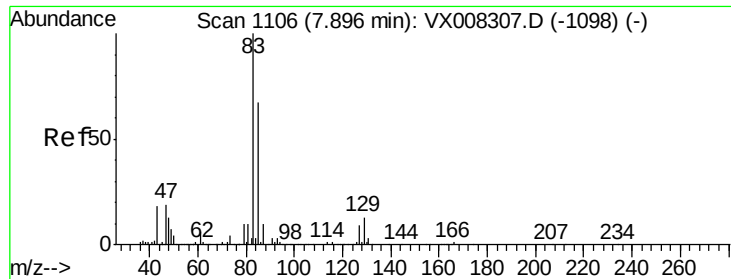
Tgt Ion: 63 Resp: 183849
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 37.0



#40
 Dibromomethane
 Concen: 100.228 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion: 93 Resp: 136920
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 158.8
 174 115.2 0.0 224.2





#41

Bromodichloromethane

Concen: 100.959 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

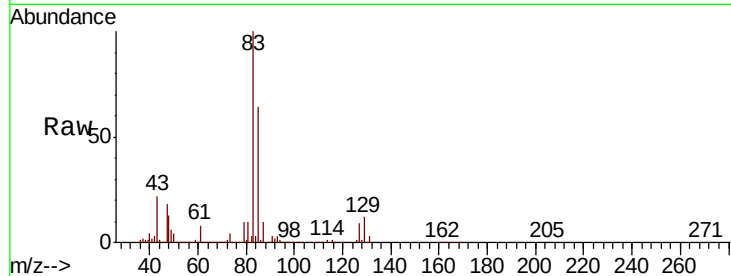
Tgt Ion: 83 Resp: 261703

Ion Ratio Lower Upper

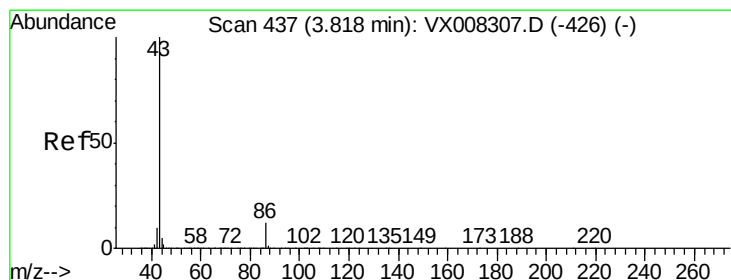
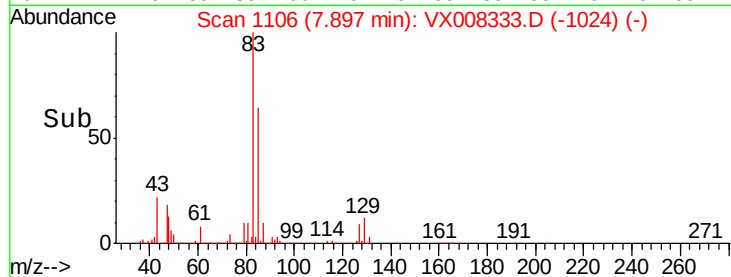
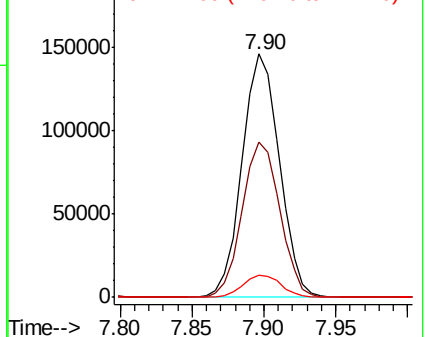
83 100

85 63.5 51.1 76.7

127 9.1 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 506.554 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008333.D

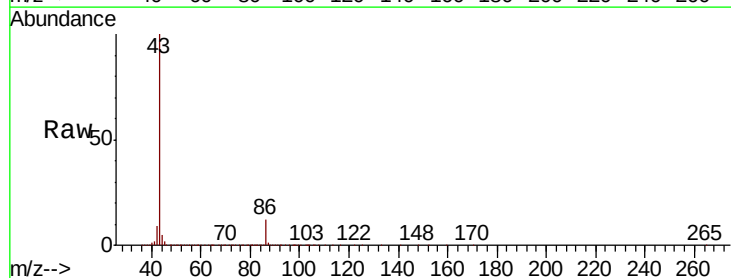
Acq: 22 Mar 2019 12:13

Tgt Ion: 43 Resp: 2409880

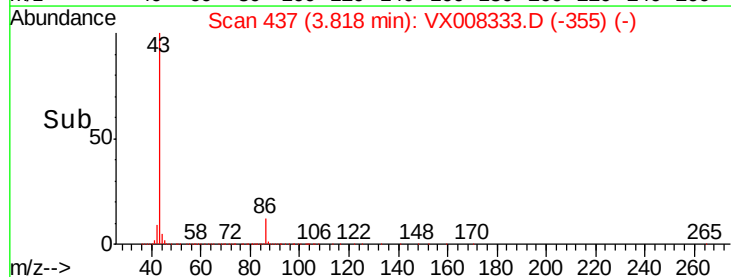
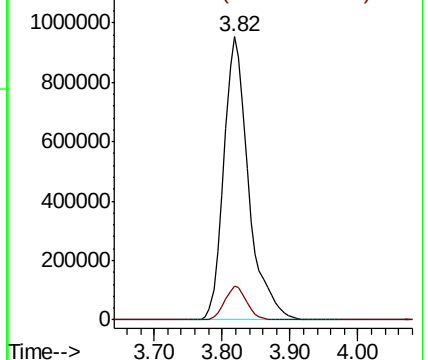
Ion Ratio Lower Upper

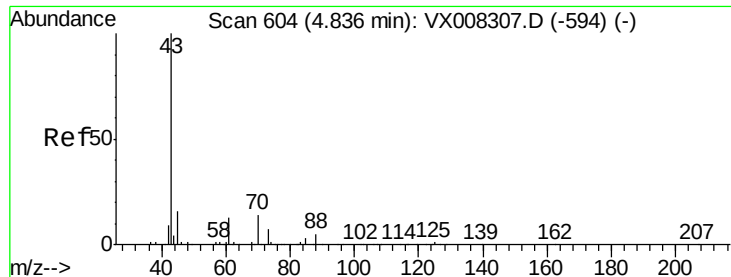
43 100

86 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

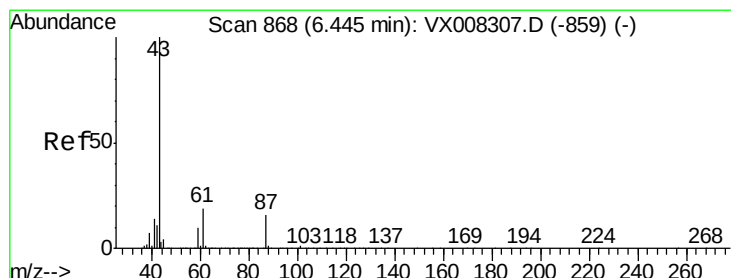
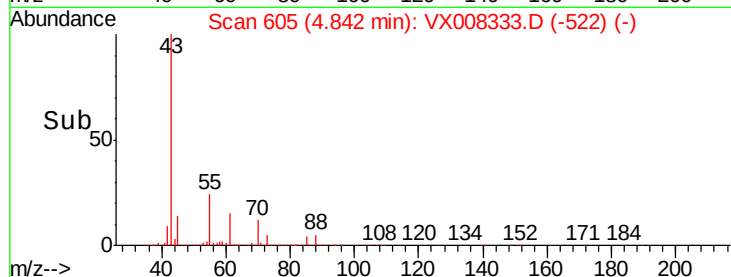
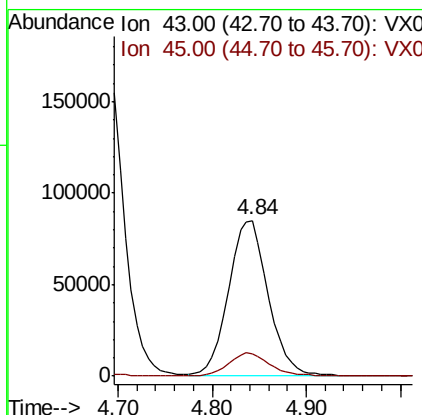
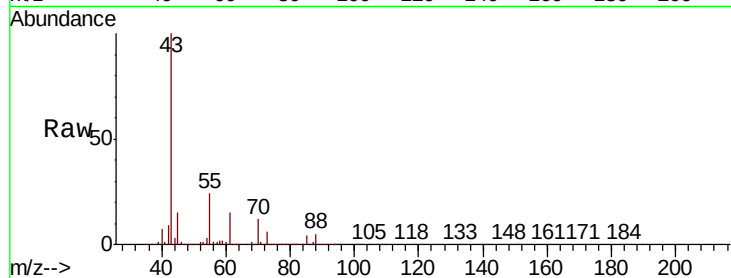




#43
Ethyl Acetate
Concen: 99.691 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

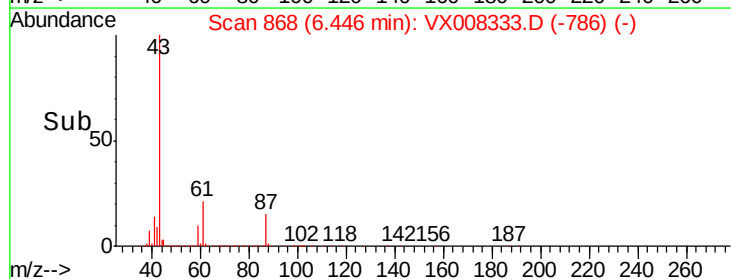
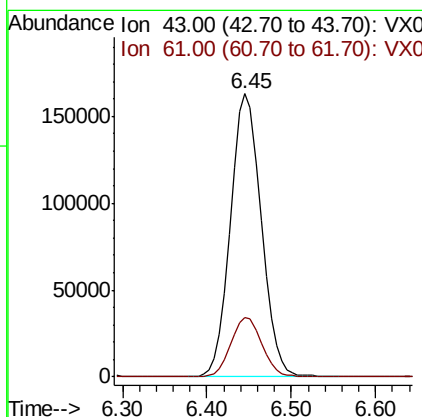
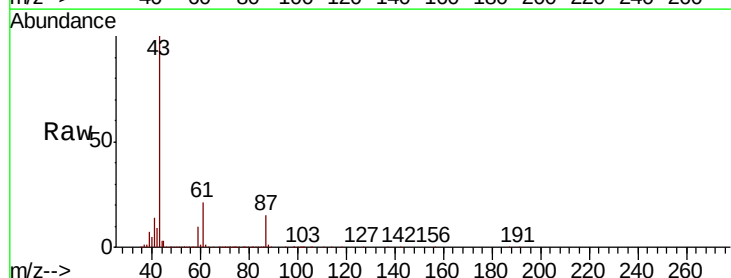
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

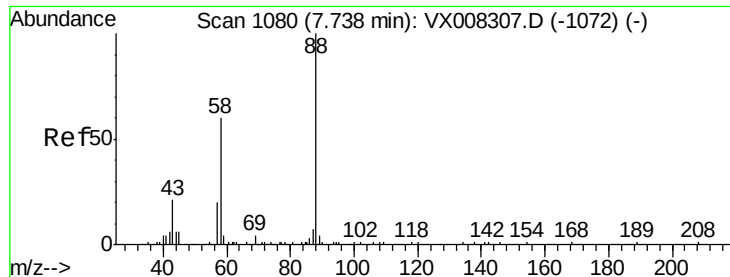
Tgt Ion: 43 Resp: 249213
Ion Ratio Lower Upper
43 100
45 15.3 6.9 10.3#



#44
Isopropyl Acetate
Concen: 102.343 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion: 43 Resp: 402405
Ion Ratio Lower Upper
43 100
61 21.2 16.1 24.1





#45

1,4-Dioxane

Concen: 1909.552 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

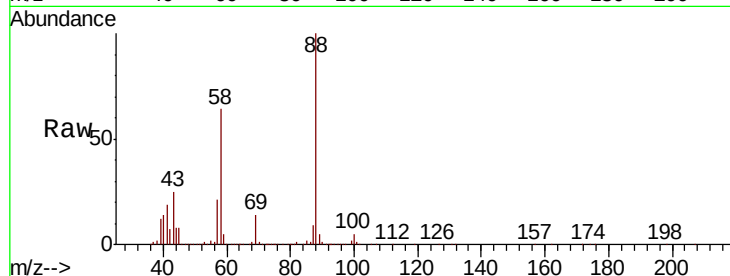
Tgt Ion: 88 Resp: 94436

Ion Ratio Lower Upper

88 100

43 29.7 23.6 35.4

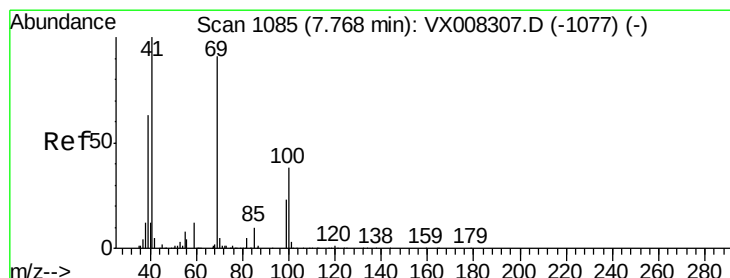
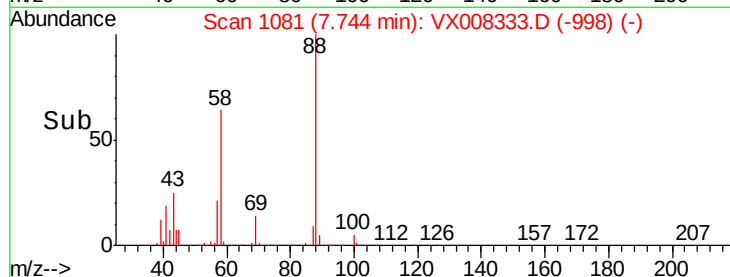
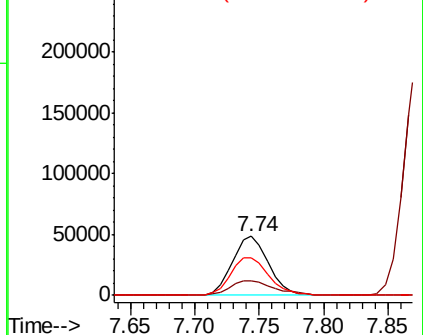
58 67.5 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 102.013 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

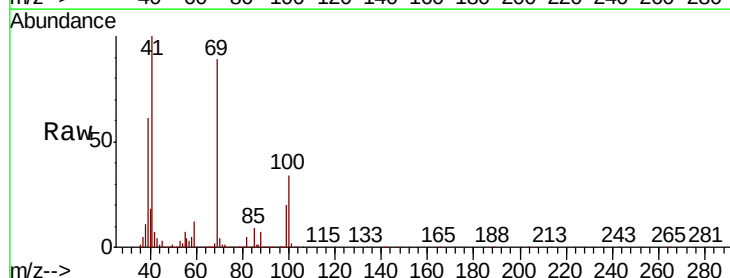
Tgt Ion: 41 Resp: 196814

Ion Ratio Lower Upper

41 100

69 89.5 44.2 132.6

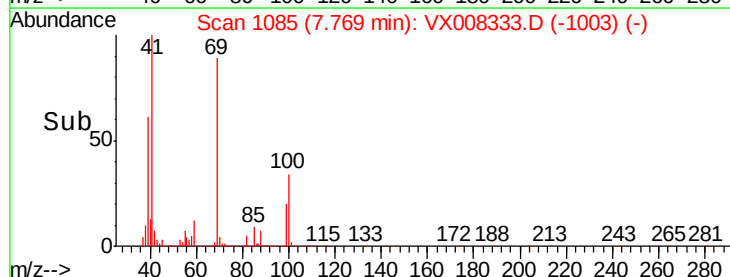
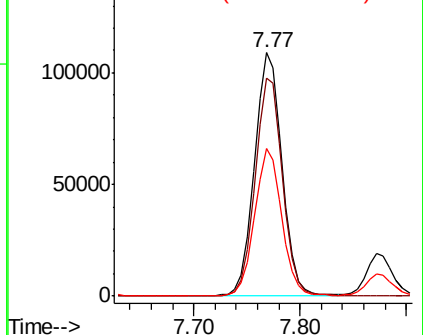
39 60.6 29.9 89.8

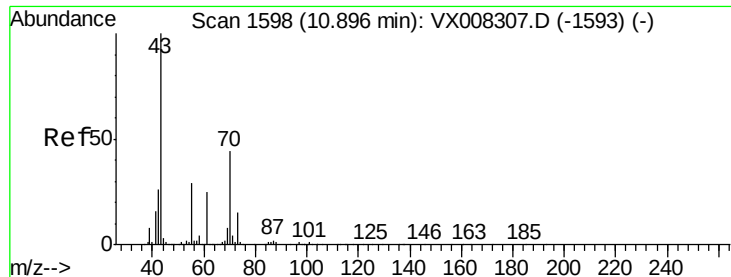


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 103.309 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

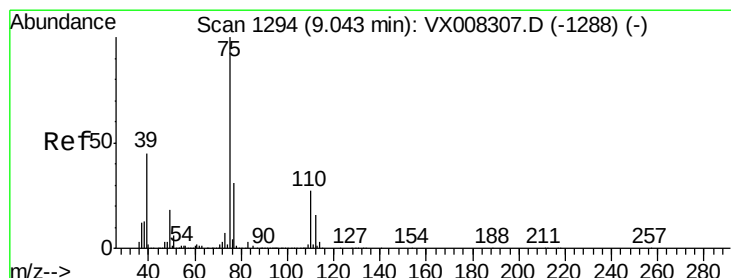
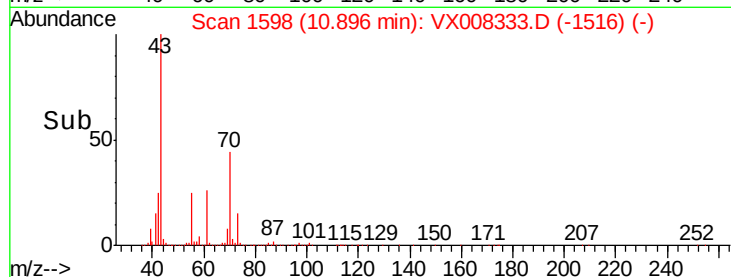
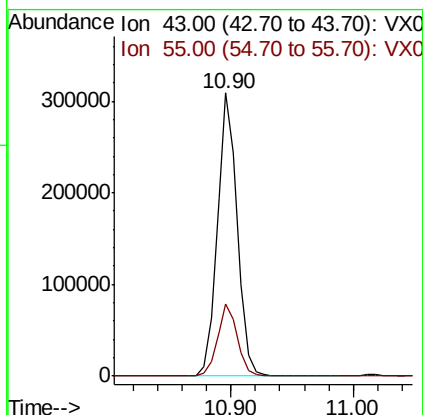
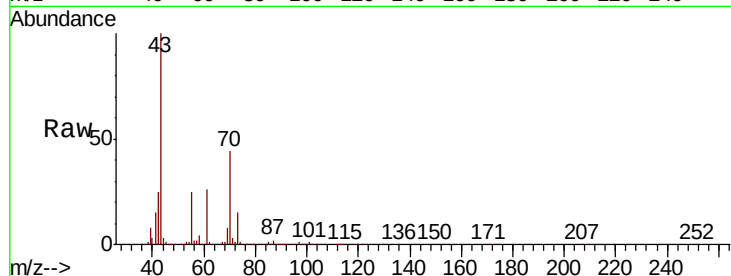
VSTDIC100

Tgt Ion: 43 Resp: 348260

Ion Ratio Lower Upper

43 100

55 25.1 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 106.706 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008333.D

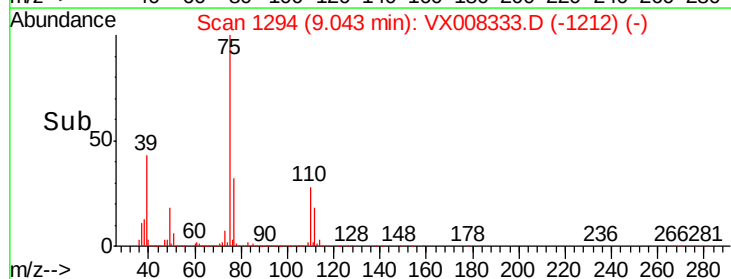
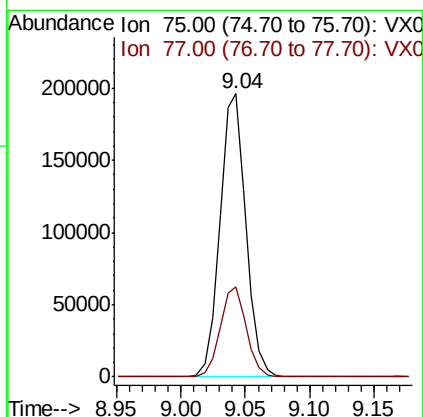
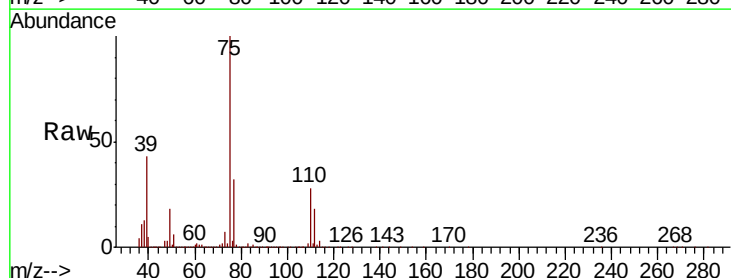
Acq: 22 Mar 2019 12:13

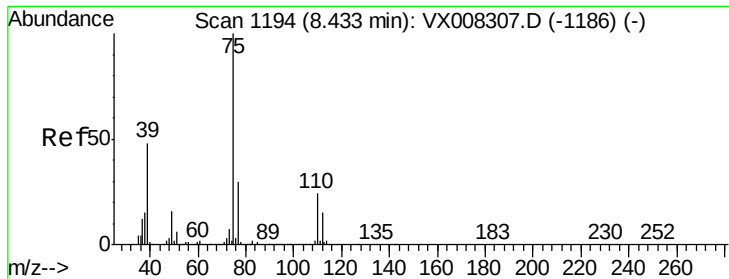
Tgt Ion: 75 Resp: 276936

Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7



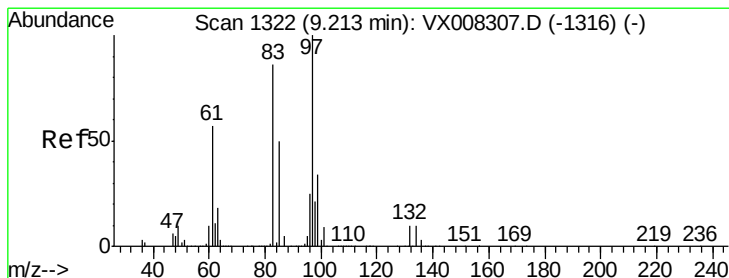
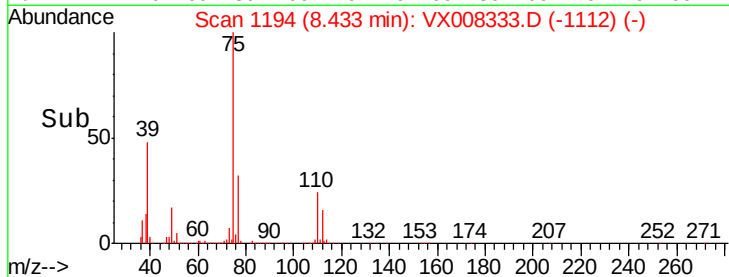
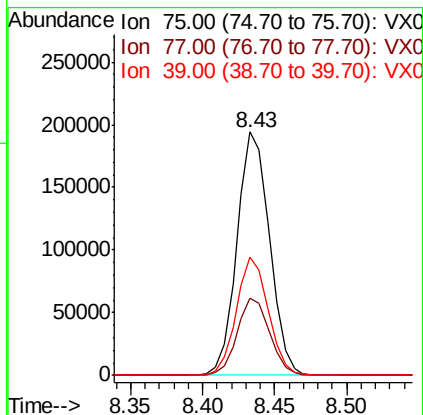
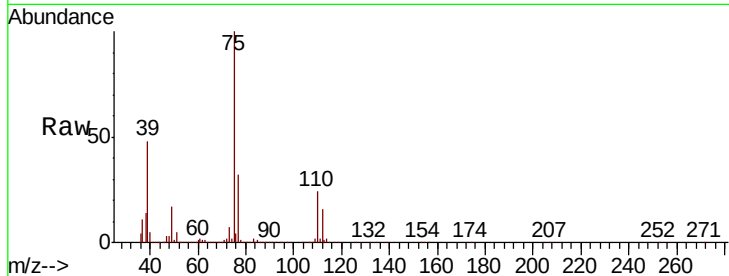


#49

cis-1,3-Dichloropropene
Concen: 105.504 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

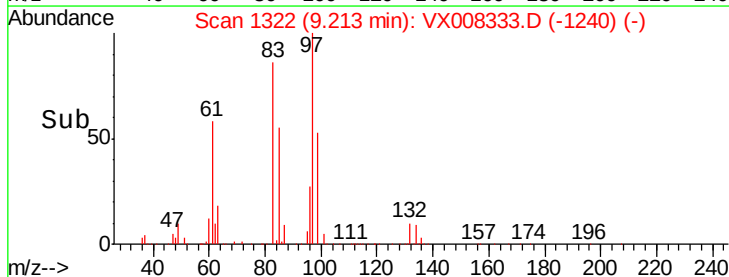
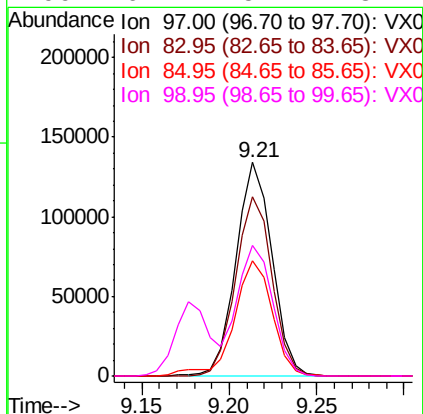
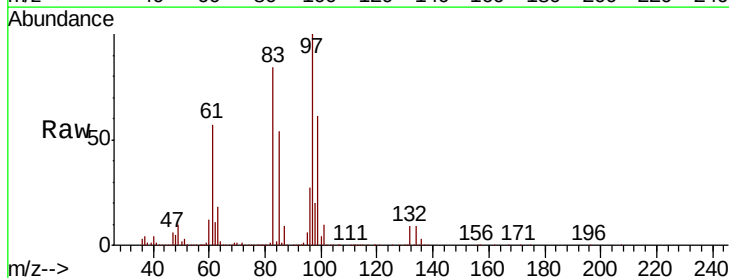
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	48.2	38.5	57.7

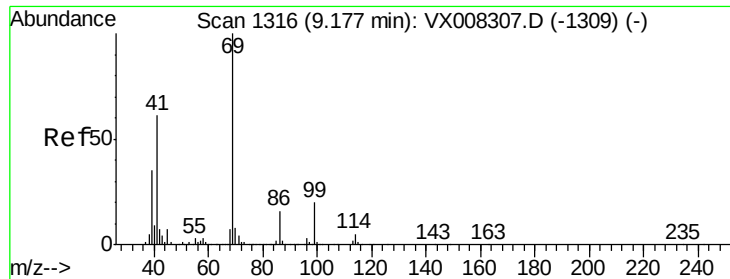


#50

1,1,2-Trichloroethane
Concen: 98.190 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	72.0	108.0
85	53.9	45.0	67.6
99	61.2	54.2	81.4

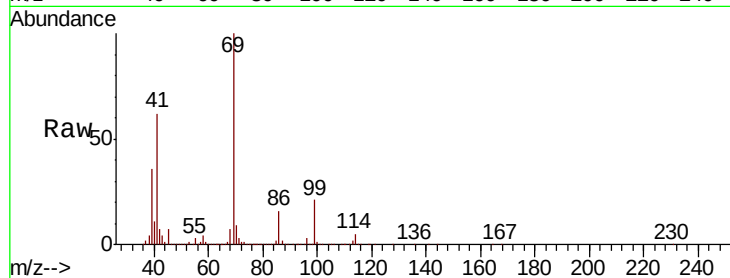




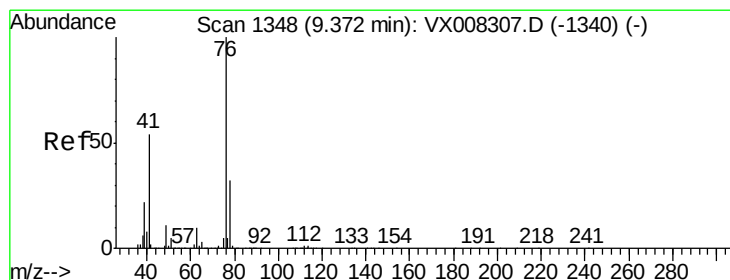
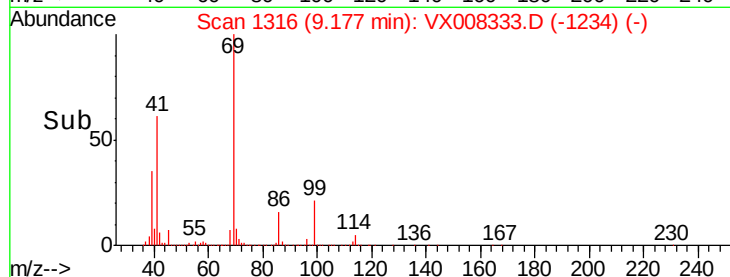
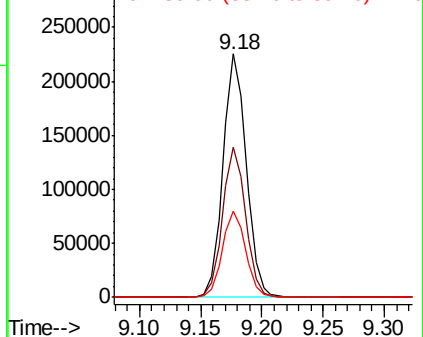
#51
 Ethyl methacrylate
 Concen: 103.231 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	32.1	96.5
39	35.5	18.8	56.3

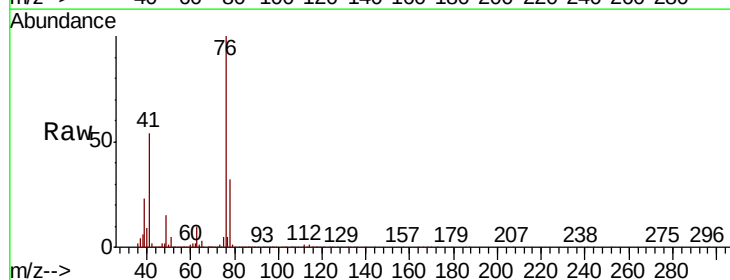


Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

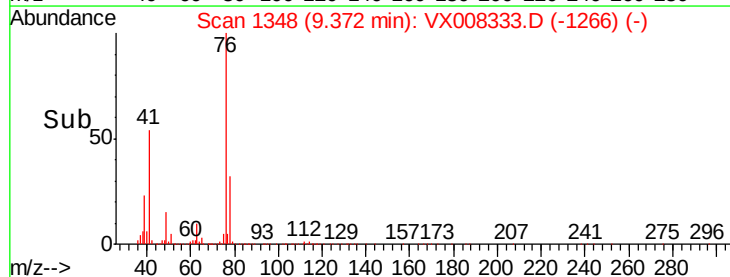
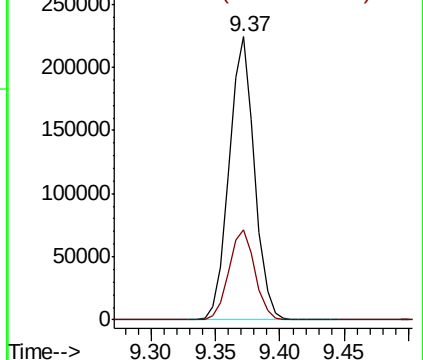


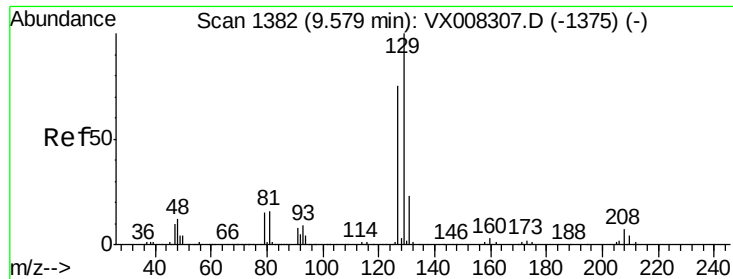
#52
 1,3-Dichloropropane
 Concen: 97.906 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
 Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 102.674 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

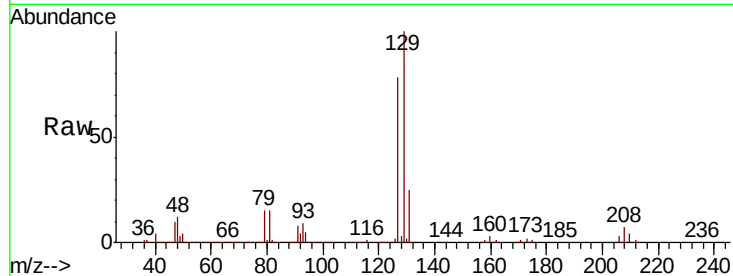
VSTDIC100

Tgt Ion:129 Resp: 227142

Ion Ratio Lower Upper

129 100

127 77.8 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

150000

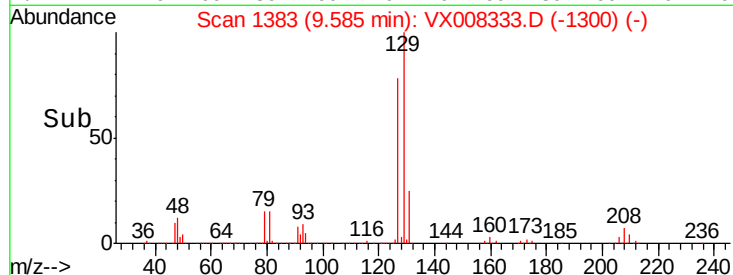
100000

50000

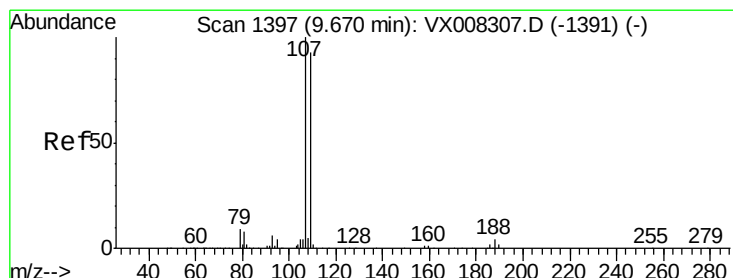
0

9.59

9.50 9.55 9.60 9.65



Time-->



#54

1,2-Dibromoethane

Concen: 99.407 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008333.D

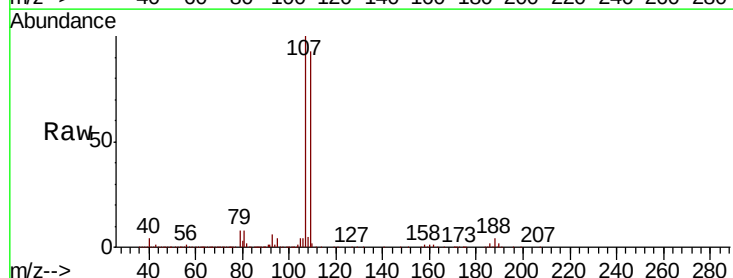
Acq: 22 Mar 2019 12:13

Tgt Ion:107 Resp: 214044

Ion Ratio Lower Upper

107 100

109 94.4 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

150000

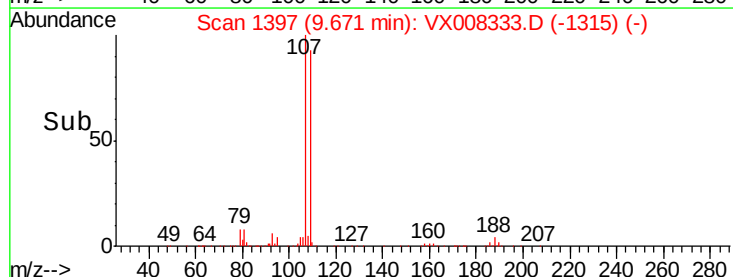
100000

50000

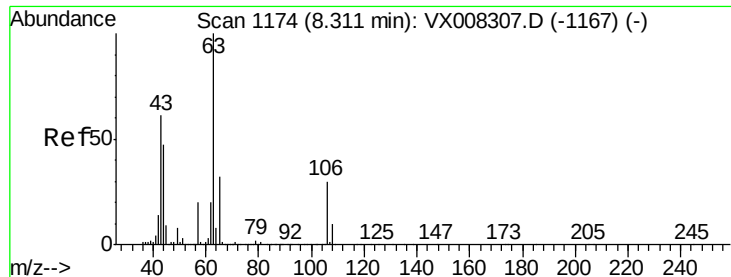
0

9.67

9.60 9.65 9.70 9.75



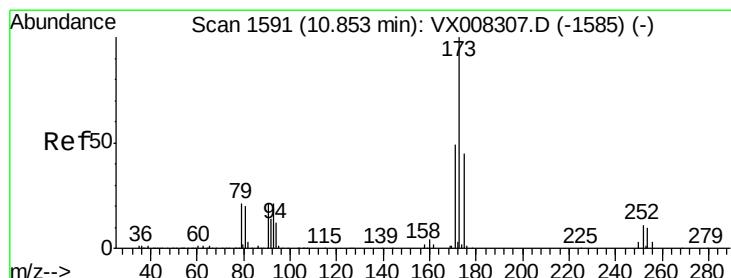
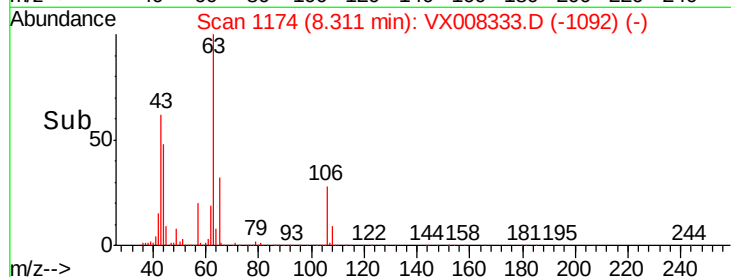
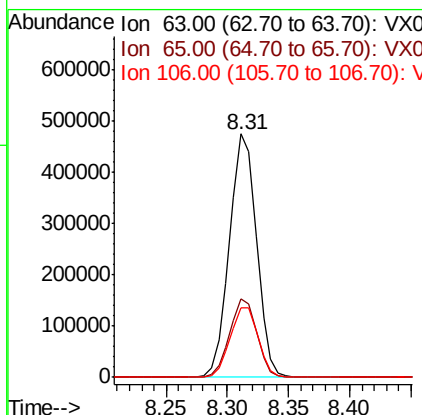
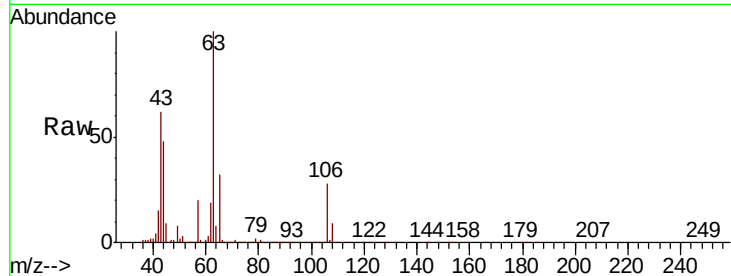
Time-->



#55
2-Chloroethyl vinyl ether
Concen: 502.240 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

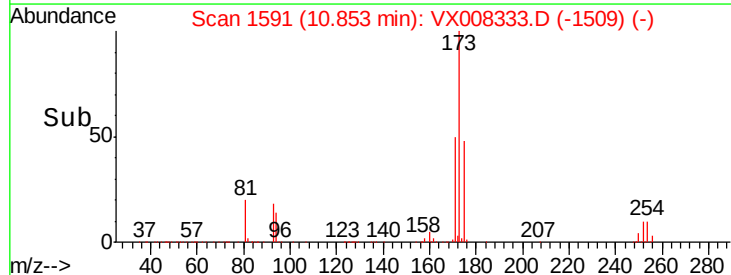
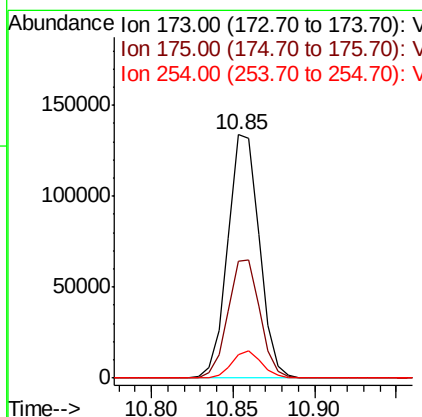
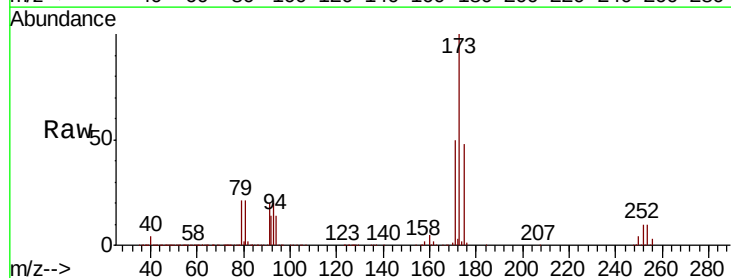
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

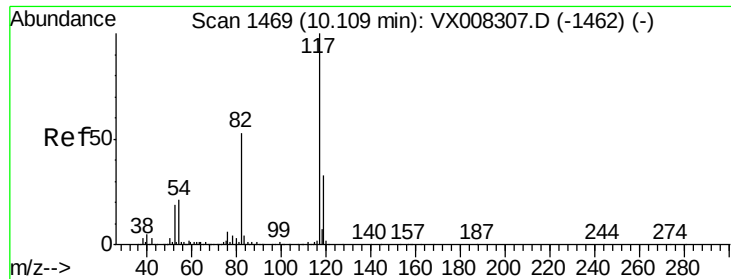
Tgt Ion: 63 Resp: 723974
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 29.9 23.7 35.5



#56
Bromoform
Concen: 103.268 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion: 173 Resp: 180362
Ion Ratio Lower Upper
173 100
175 49.2 38.5 57.7
254 10.7 7.4 11.2

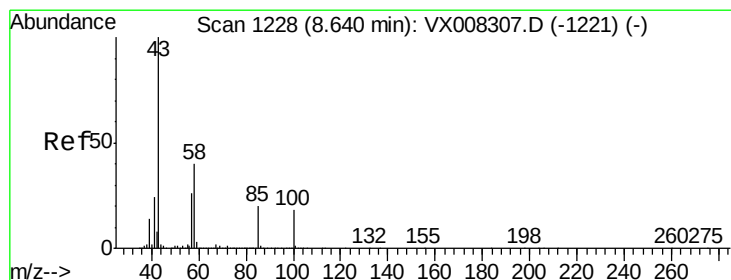
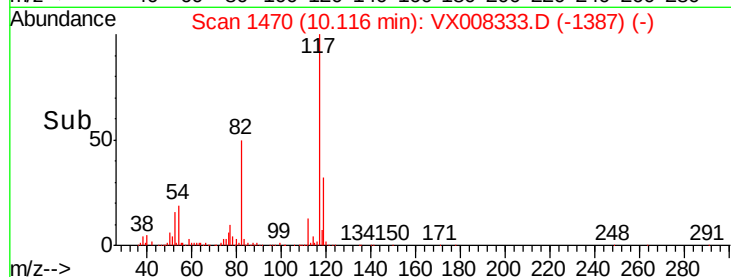
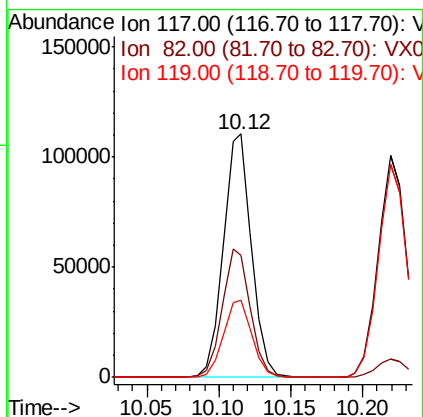
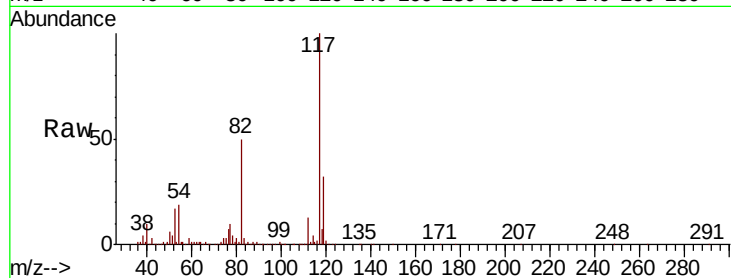




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

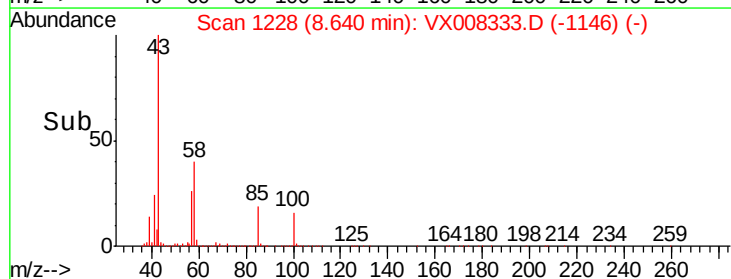
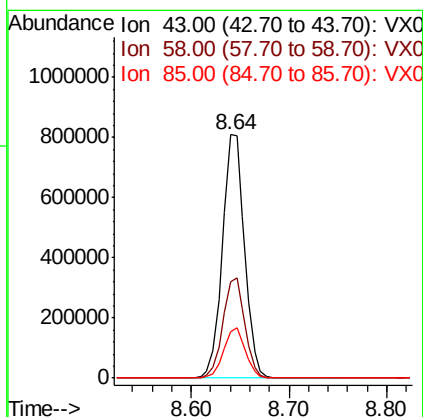
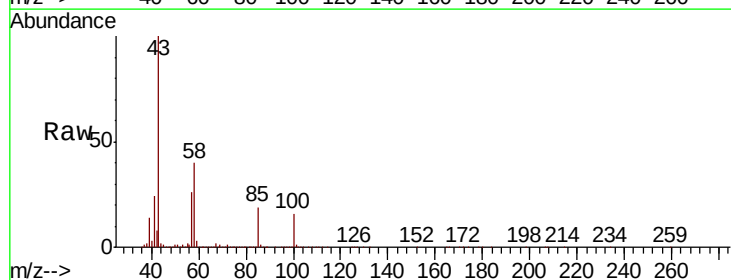
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

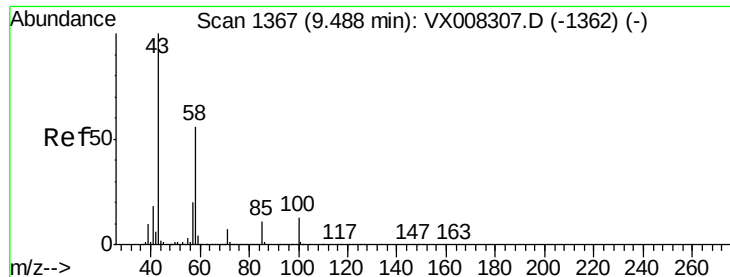
Tgt Ion: 117 Resp: 151445
Ion Ratio Lower Upper
117 100
82 52.4 40.4 60.6
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 496.159 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion: 43 Resp: 1265148
Ion Ratio Lower Upper
43 100
58 40.9 31.4 47.0
85 20.3 15.0 22.6

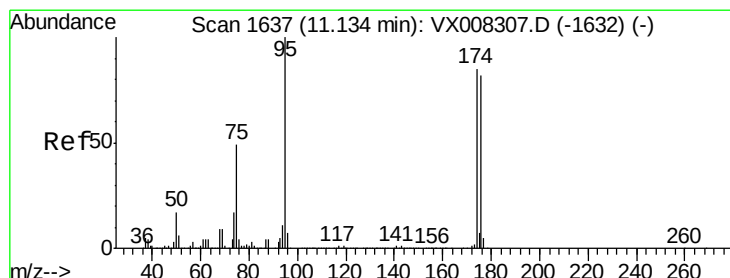
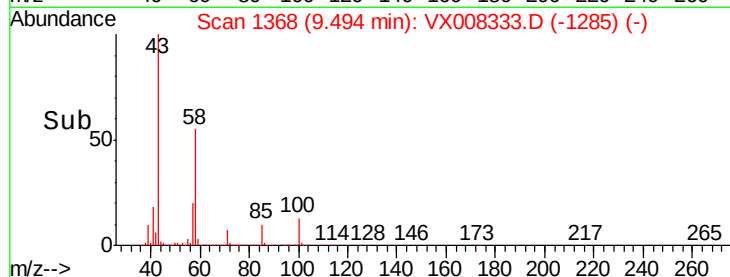
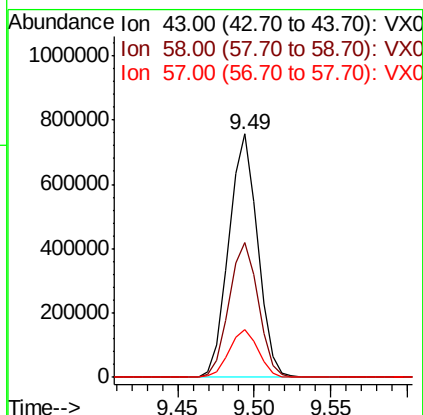
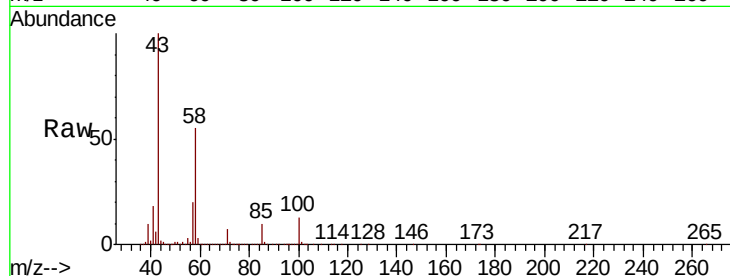




#59
2-Hexanone
Concen: 491.073 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

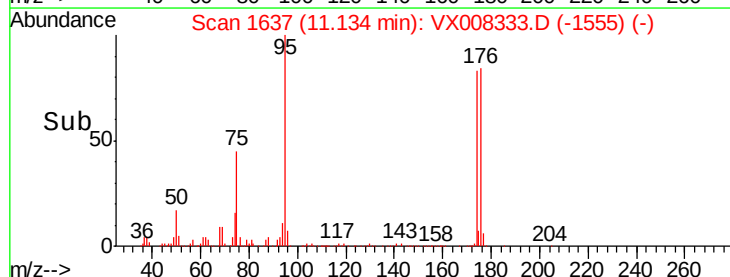
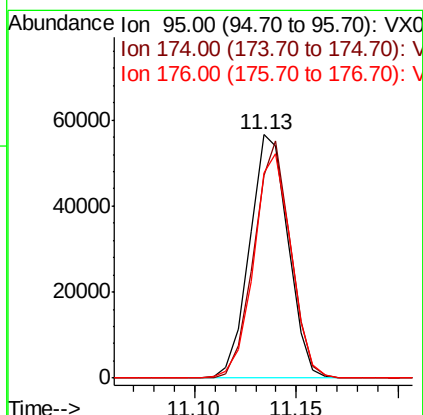
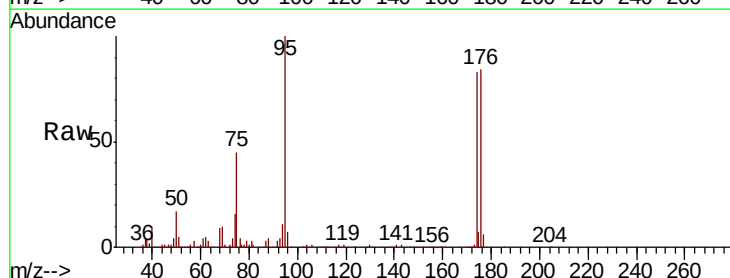
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

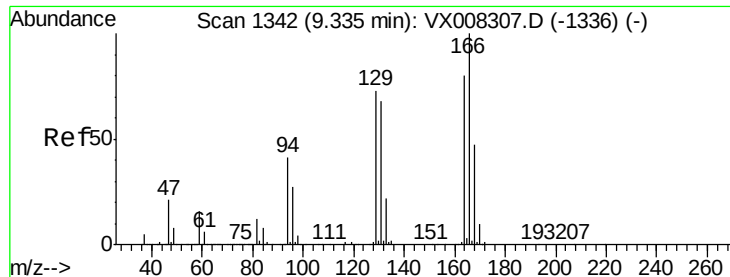
Tgt Ion: 43 Resp: 990521
Ion Ratio Lower Upper
43 100
58 56.4 43.9 65.9
57 19.9 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.157 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion: 95 Resp: 74341
Ion Ratio Lower Upper
95 100
174 92.2 74.9 112.3
176 89.6 70.7 106.1





#61

Tetrachloroethene

Concen: 96.694 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 197123

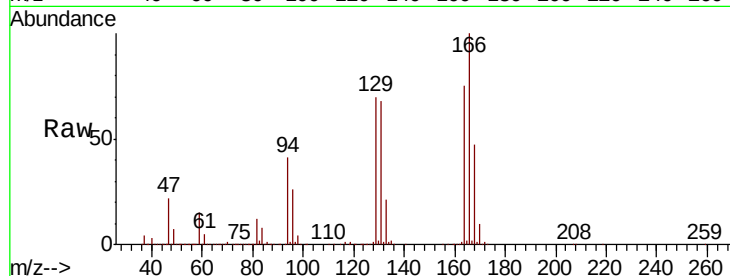
Ion Ratio Lower Upper

164 100

166 132.6 103.9 155.9

129 92.7 74.7 112.1

131 89.9 71.7 107.5

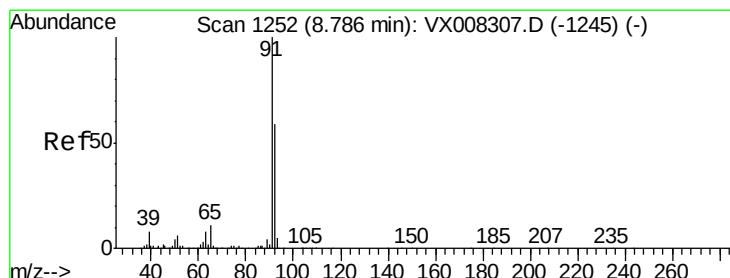
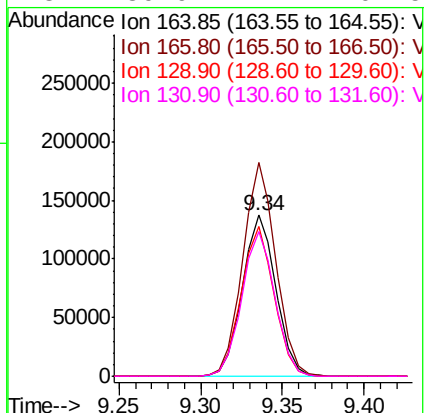
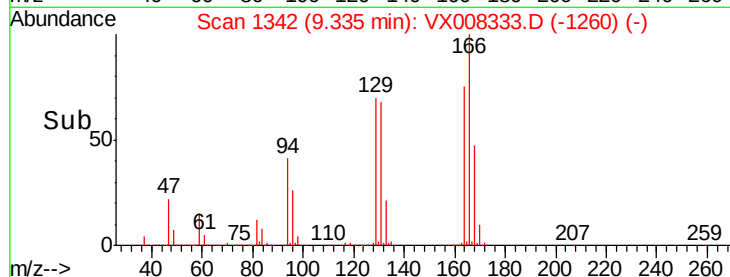


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 99.593 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008333.D

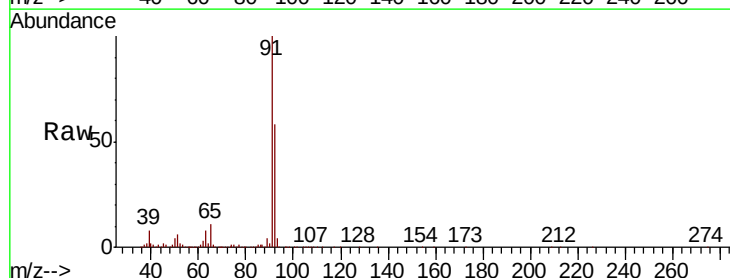
Acq: 22 Mar 2019 12:13

Tgt Ion: 91 Resp: 800602

Ion Ratio Lower Upper

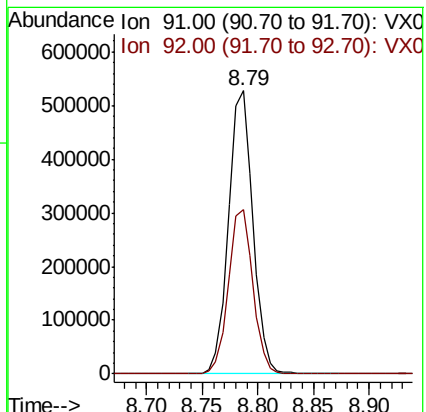
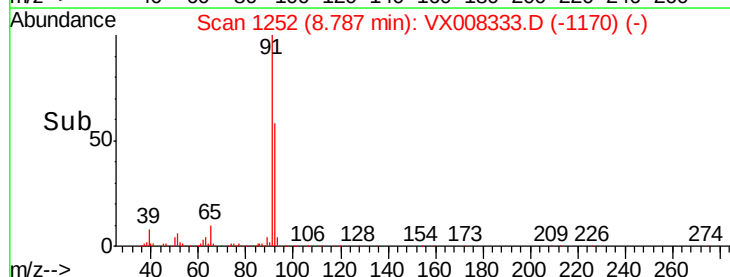
91 100

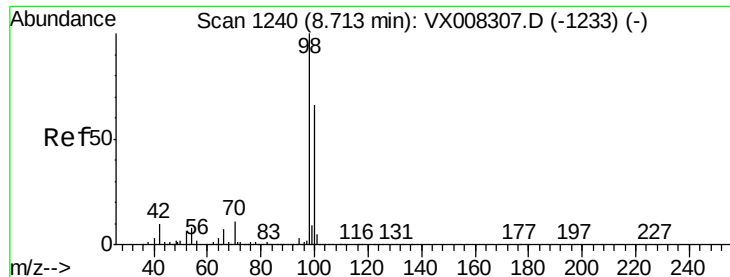
92 58.5 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.214 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

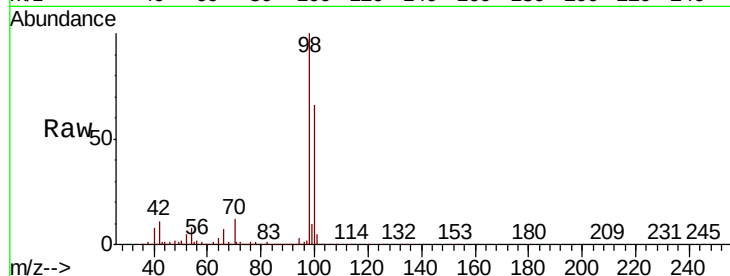
VSTDIC100

Tgt Ion: 98 Resp: 206158

Ion Ratio Lower Upper

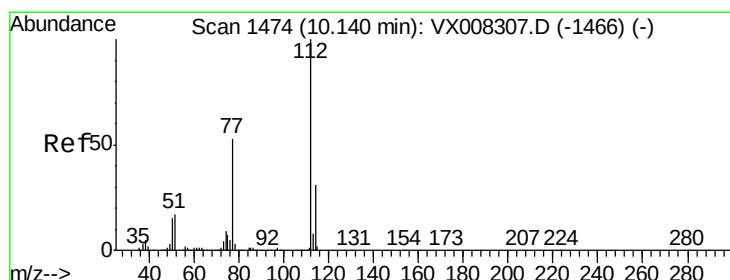
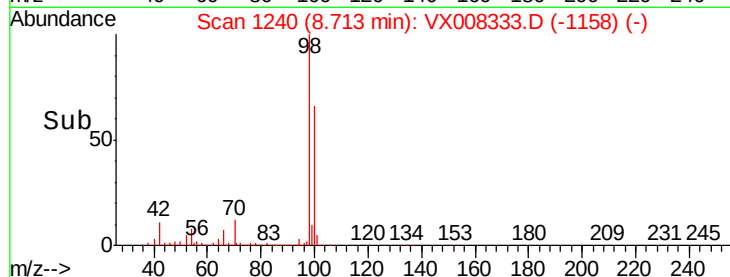
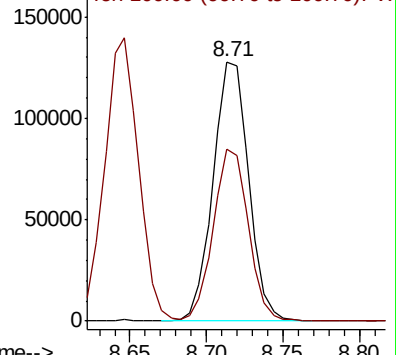
98 100

100 65.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 97.853 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008333.D

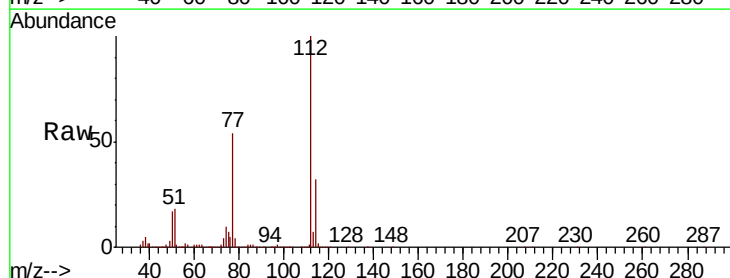
Acq: 22 Mar 2019 12:13

Tgt Ion: 112 Resp: 507121

Ion Ratio Lower Upper

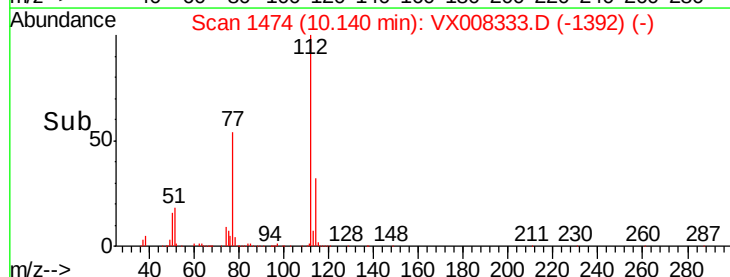
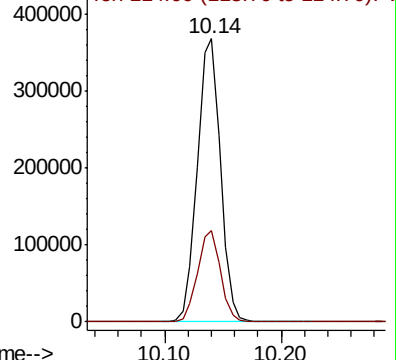
112 100

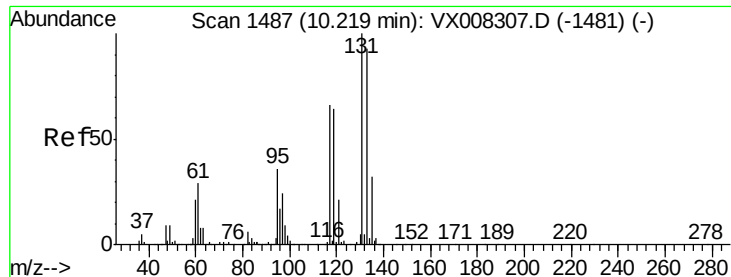
114 32.3 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

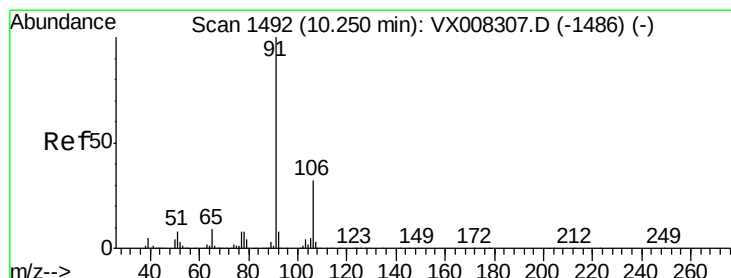
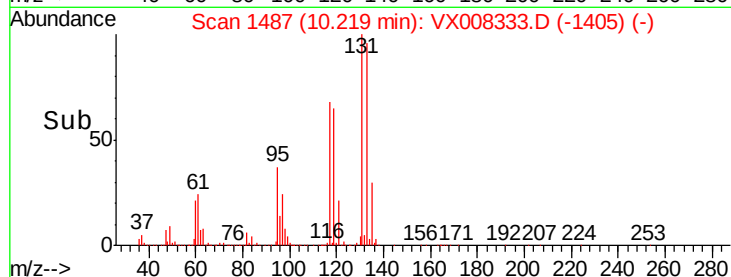
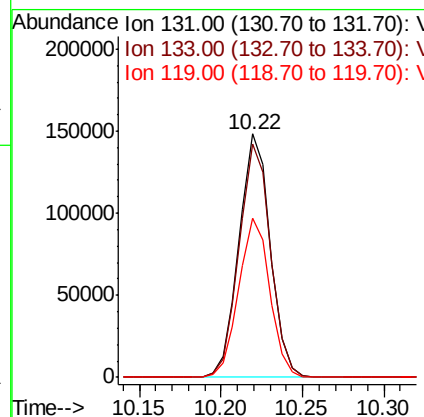
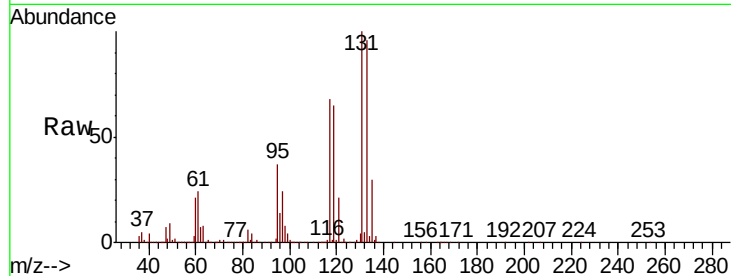




#65
 1,1,1,2-Tetrachloroethane
 Concen: 100.077 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

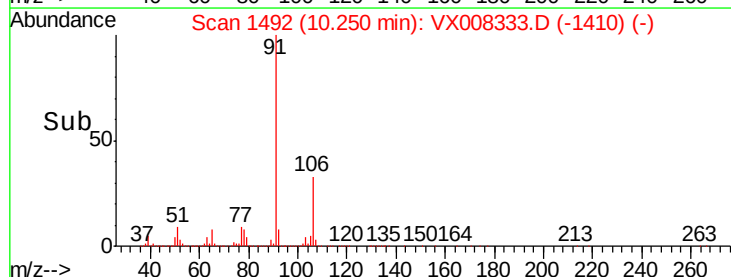
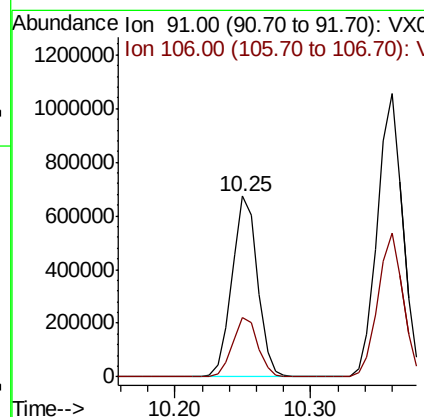
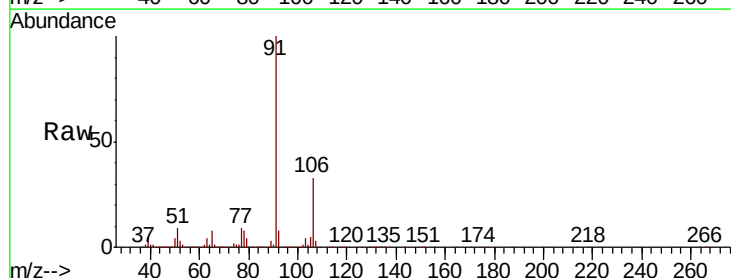
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

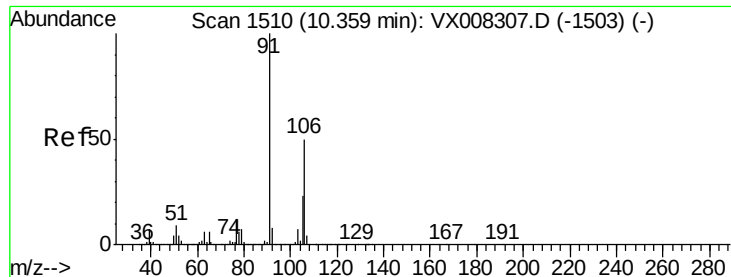
Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	191.6
119	65.1	0.0	127.4



#66
 Ethyl Benzene
 Concen: 100.873 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.6	26.0	39.0





#67

m/p-Xylenes

Concen: 199.449 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

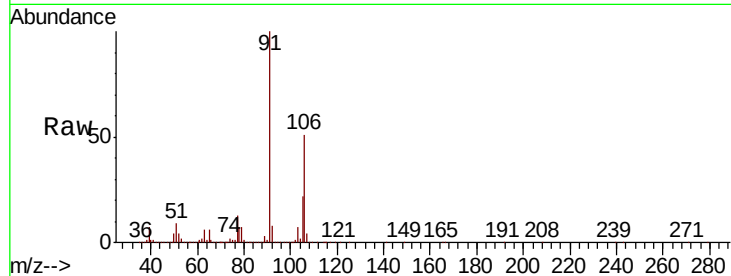
VSTDICC100

Tgt Ion:106 Resp: 689151

Ion Ratio Lower Upper

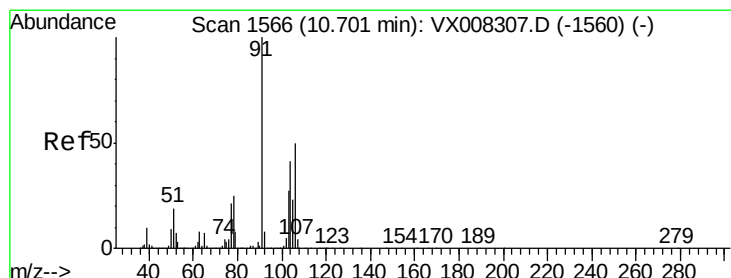
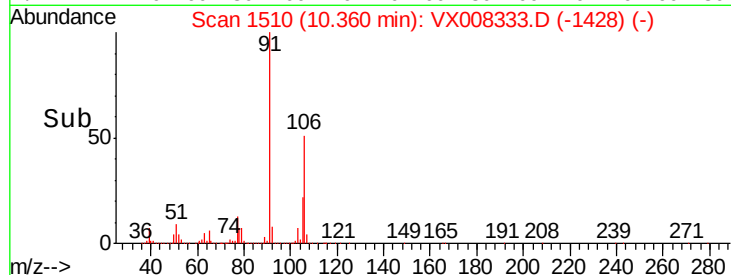
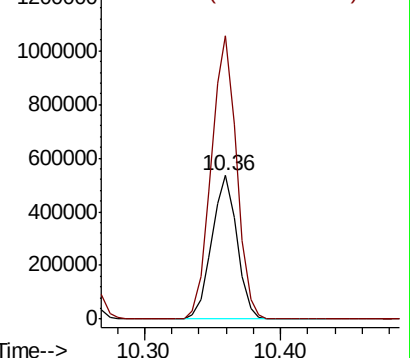
106 100

91 197.4 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 99.000 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX008333.D

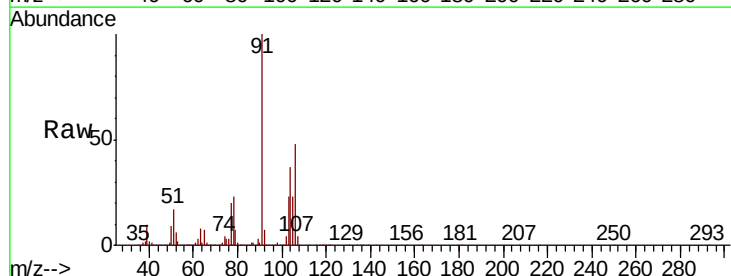
Acq: 22 Mar 2019 12:13

Tgt Ion:106 Resp: 328606

Ion Ratio Lower Upper

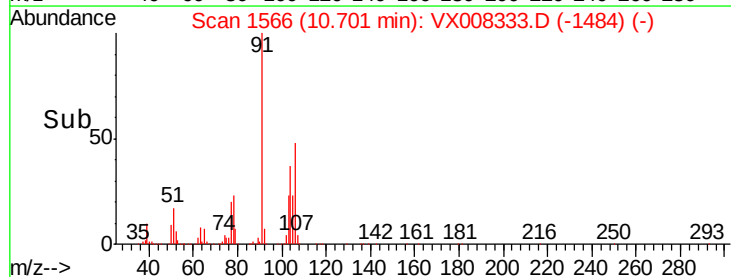
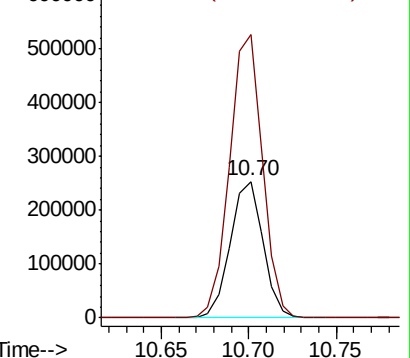
106 100

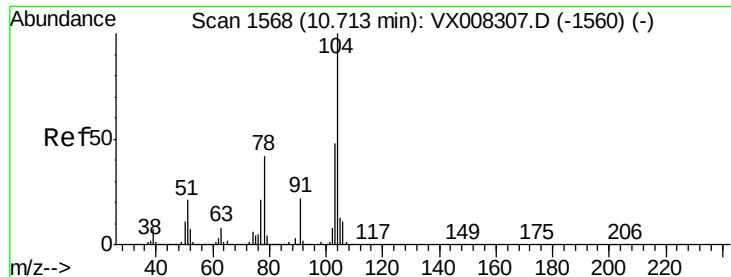
91 209.0 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

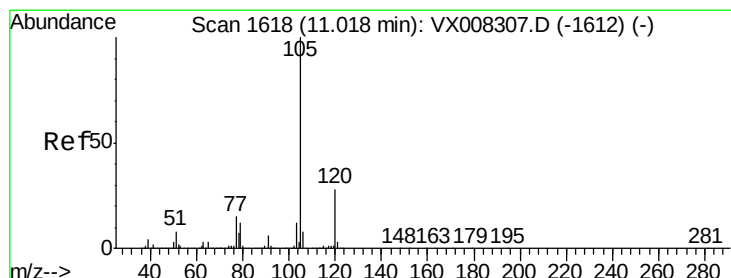
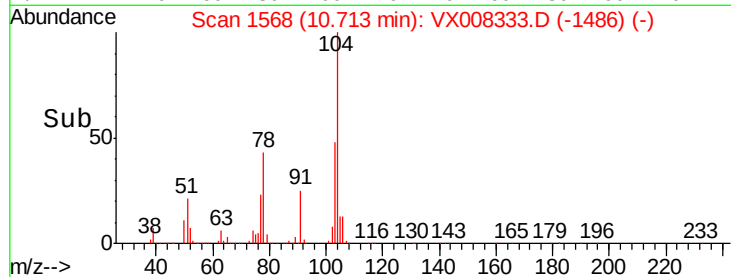
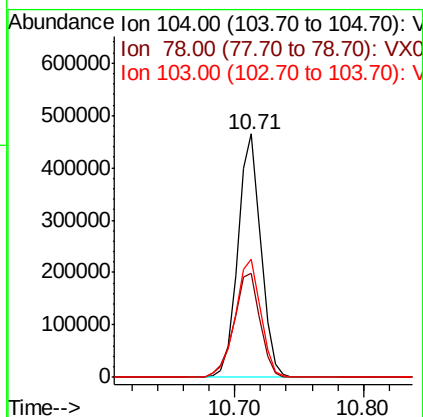
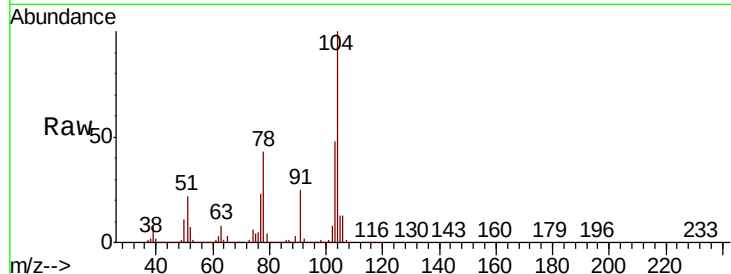




#69
 Styrene
 Concen: 102.665 ug/l
 RT: 10.71 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

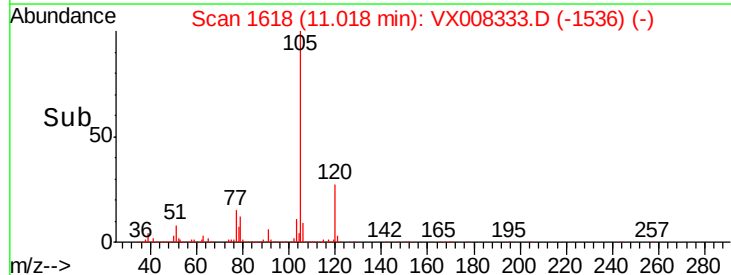
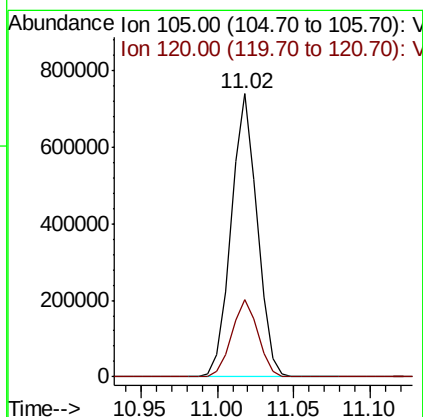
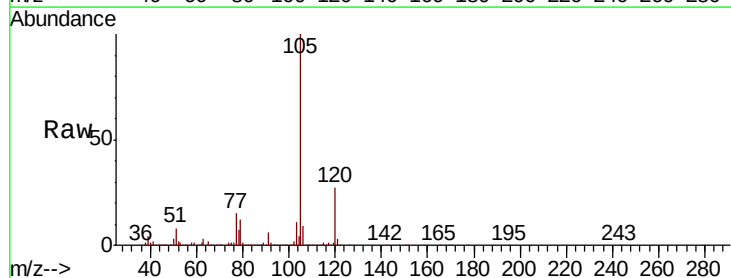
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

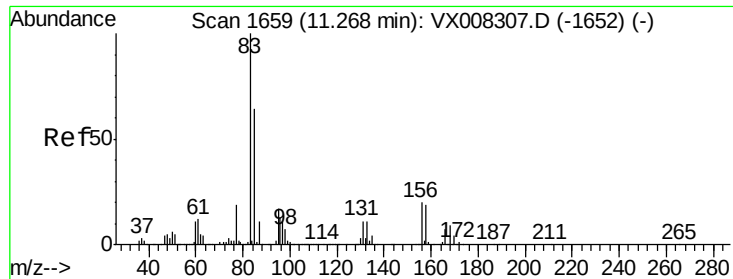
Tgt Ion:104 Resp: 575319
 Ion Ratio Lower Upper
 104 100
 78 48.9 38.2 57.2
 103 53.9 45.0 67.4



#70
 Isopropylbenzene
 Concen: 99.187 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion:105 Resp: 866210
 Ion Ratio Lower Upper
 105 100
 120 27.7 19.8 36.8

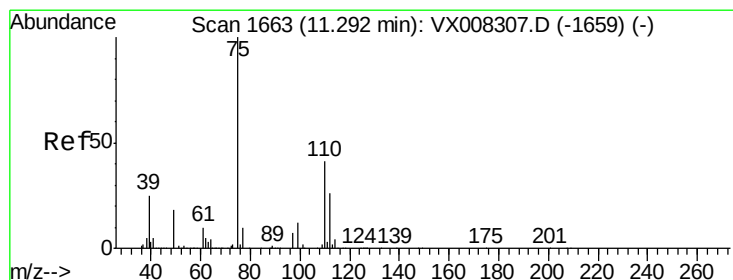
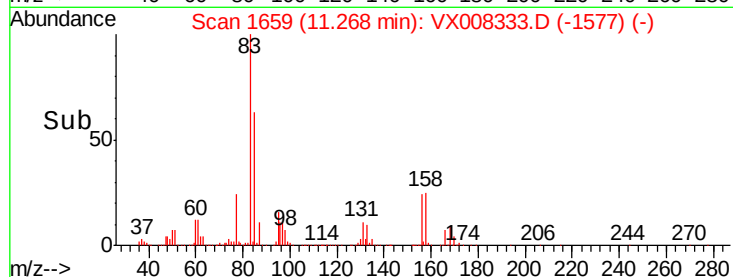
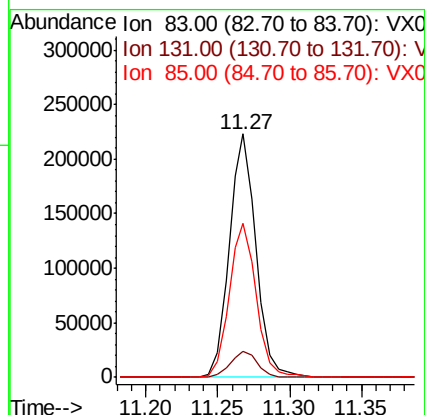
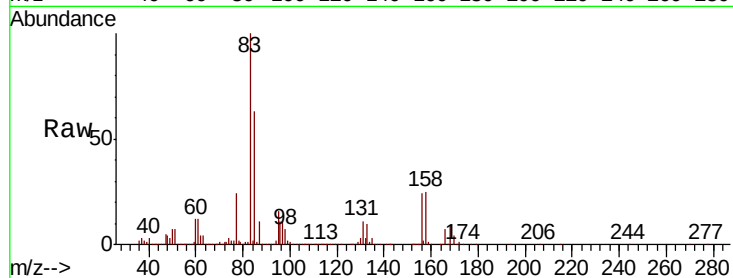




#71
 1,1,2,2-Tetrachloroethane
 Concen: 97.465 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

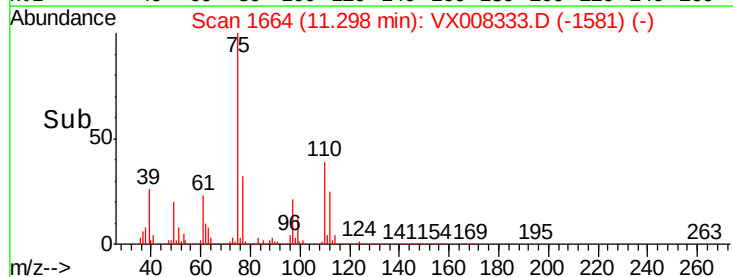
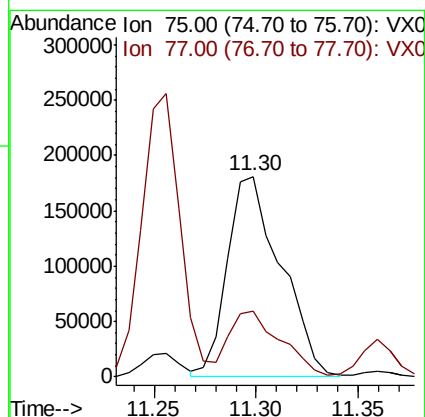
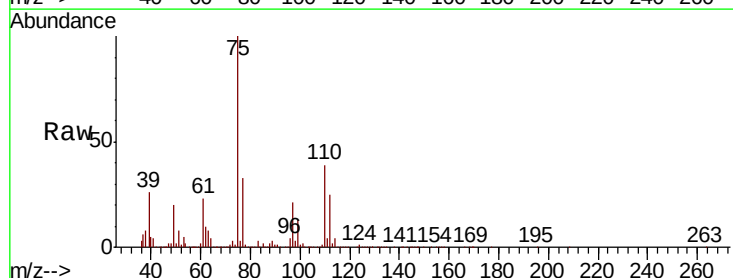
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

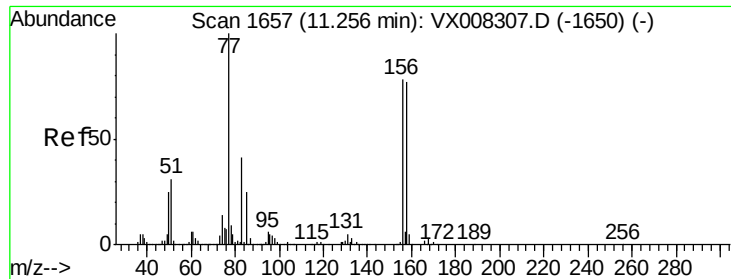
Tgt Ion: 83 Resp: 290246
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.4 16.2
 85 64.0 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 132.718 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion: 75 Resp: 329888
 Ion Ratio Lower Upper
 75 100
 77 31.1 0.0 76.4





#73

Bromobenzene

Concen: 98.615 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

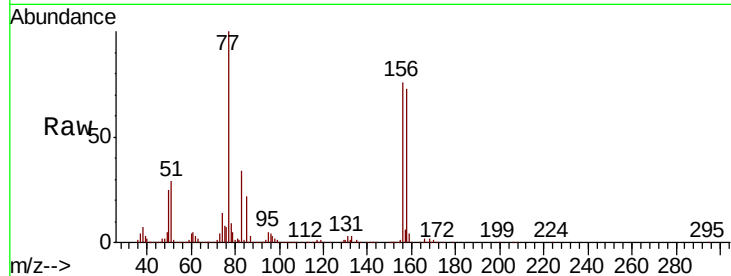
Tgt Ion:156 Resp: 238280

Ion Ratio Lower Upper

156 100

77 140.4 0.0 271.4

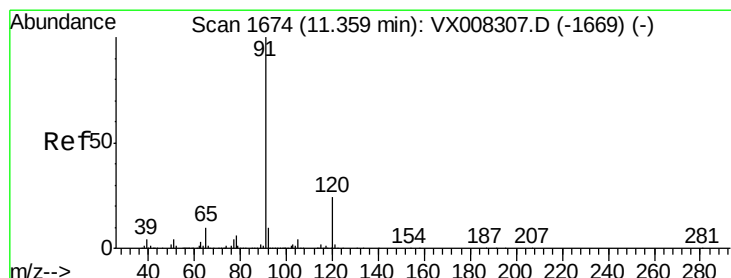
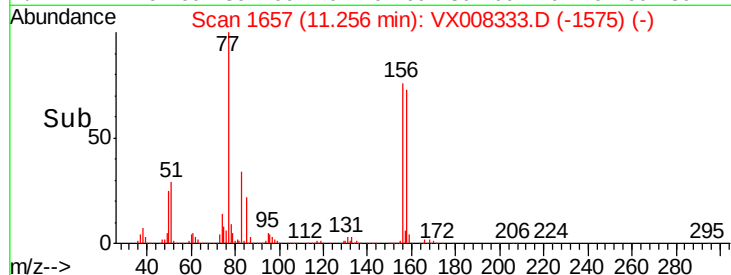
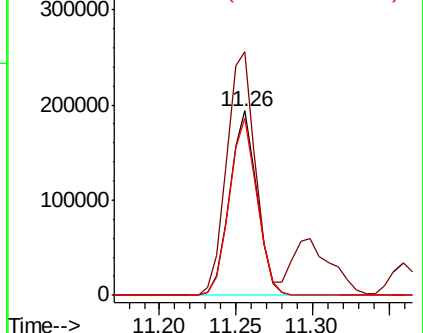
158 97.6 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 100.401 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008333.D

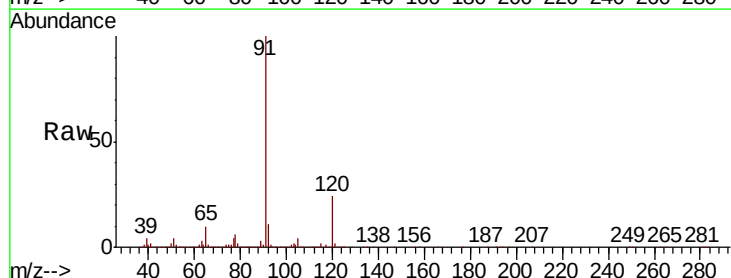
Acq: 22 Mar 2019 12:13

Tgt Ion: 91 Resp: 977335

Ion Ratio Lower Upper

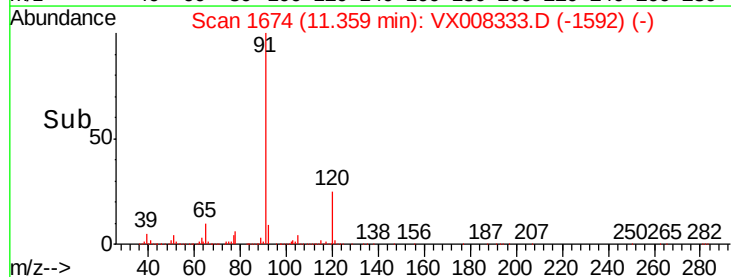
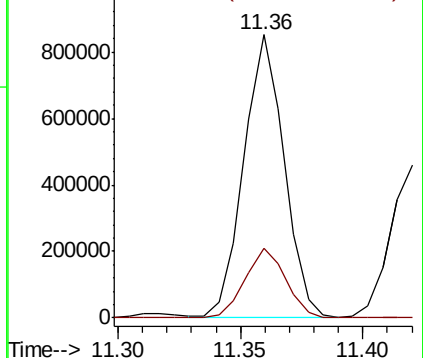
91 100

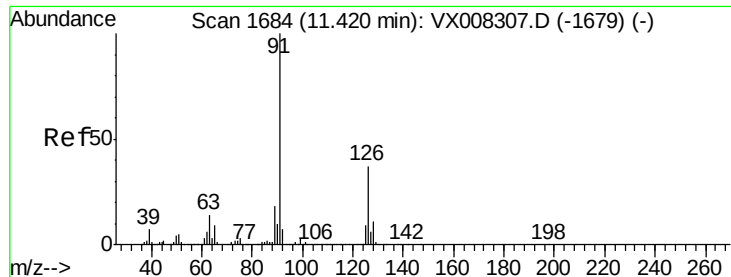
120 24.6 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 98.270 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

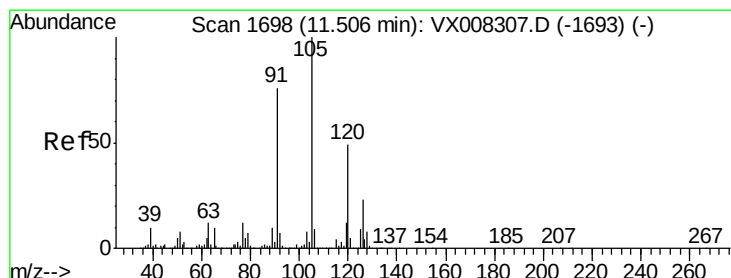
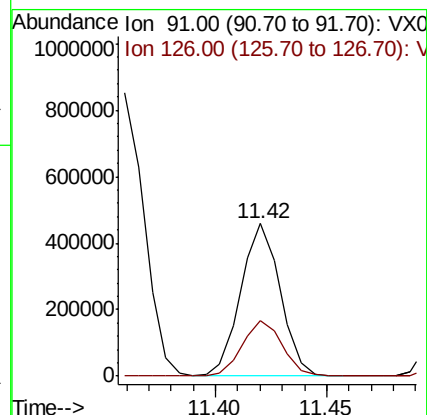
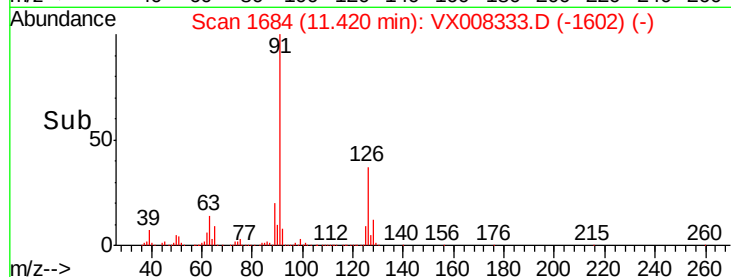
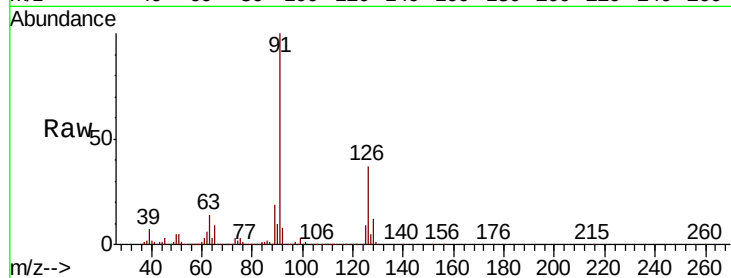
VSTDIC100

Tgt Ion: 91 Resp: 571275

Ion Ratio Lower Upper

91 100

126 36.6 0.0 75.2



#76

1,3,5-Trimethylbenzene

Concen: 100.223 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008333.D

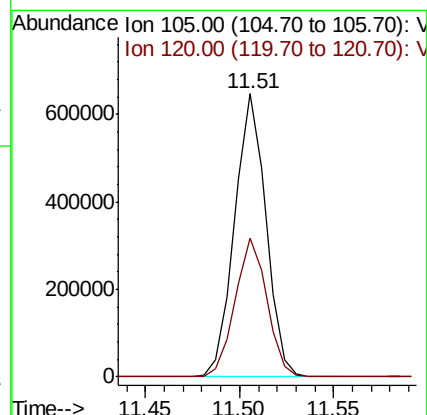
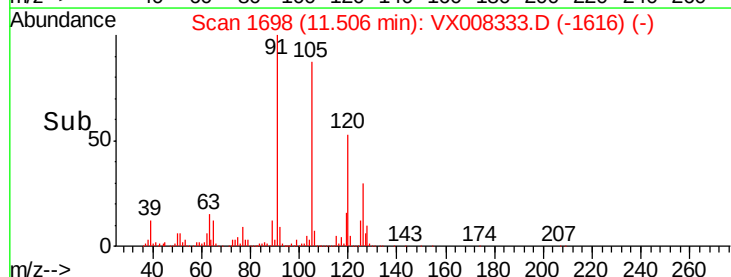
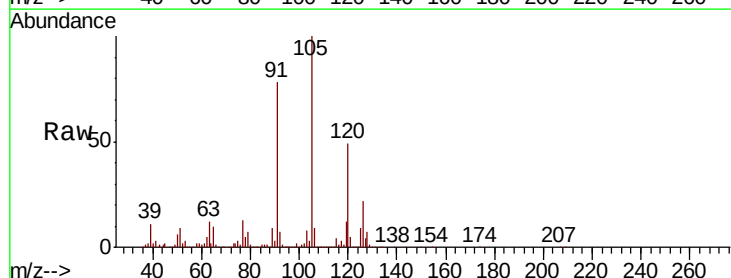
Acq: 22 Mar 2019 12:13

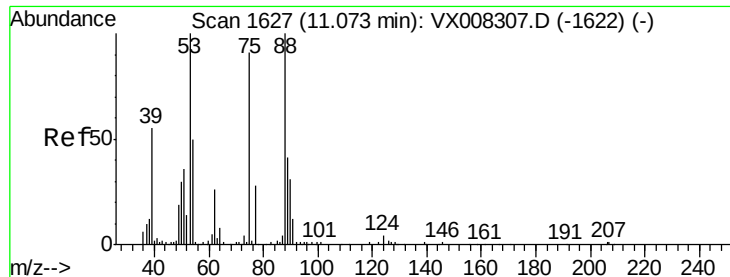
Tgt Ion: 105 Resp: 747717

Ion Ratio Lower Upper

105 100

120 49.6 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 111.602 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

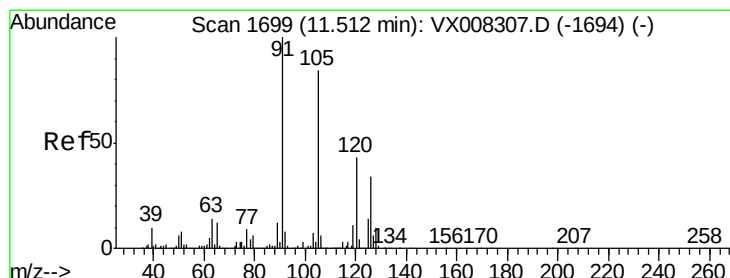
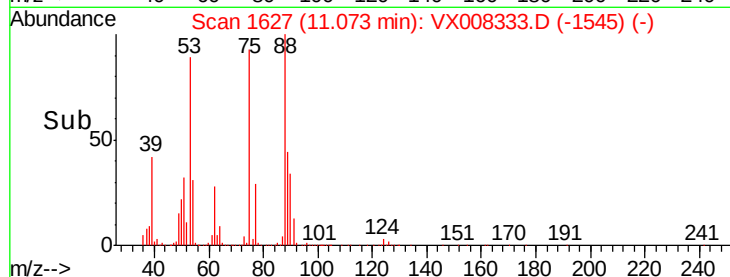
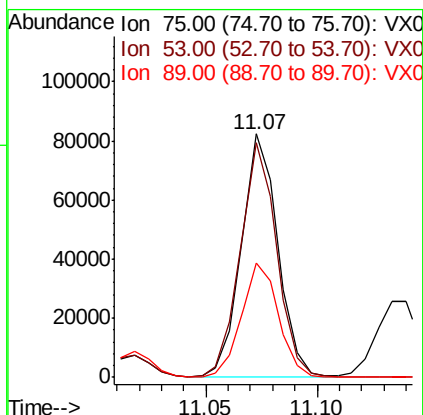
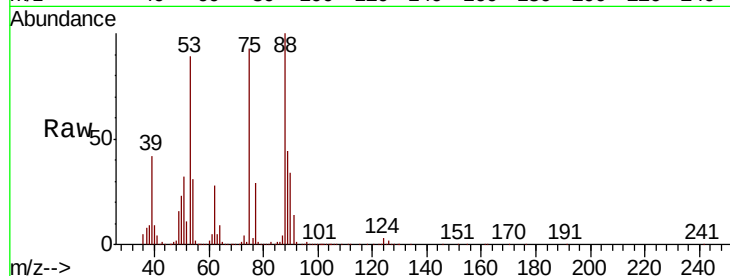
Tgt Ion: 75 Resp: 94841

Ion Ratio Lower Upper

75 100

53 96.1 55.5 166.7

89 47.0 24.4 73.2



#78

4-Chlorotoluene

Concen: 100.142 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008333.D

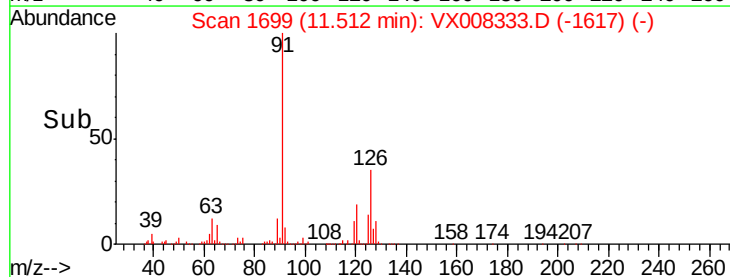
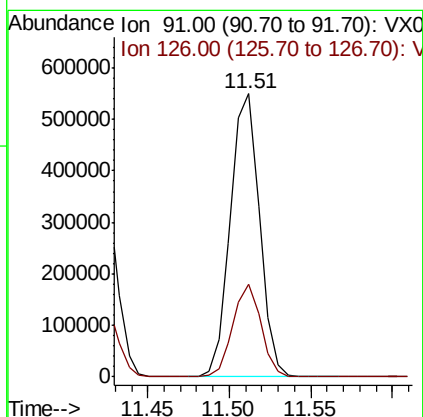
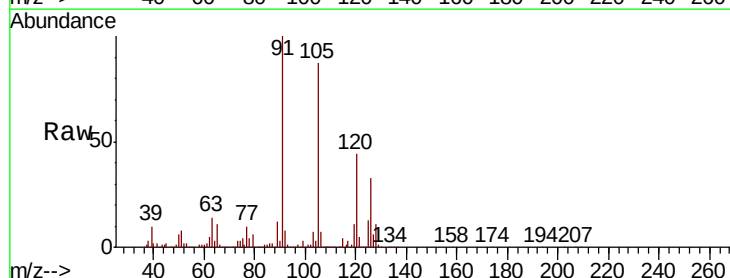
Acq: 22 Mar 2019 12:13

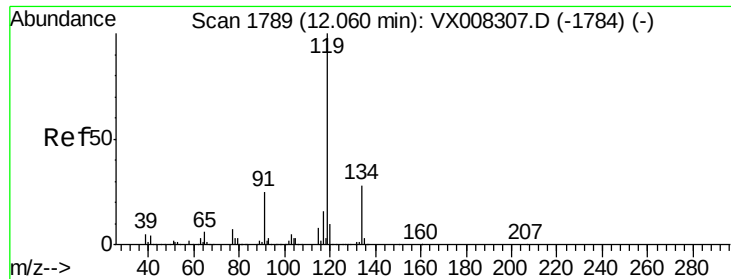
Tgt Ion: 91 Resp: 685149

Ion Ratio Lower Upper

91 100

126 31.4 0.0 66.2

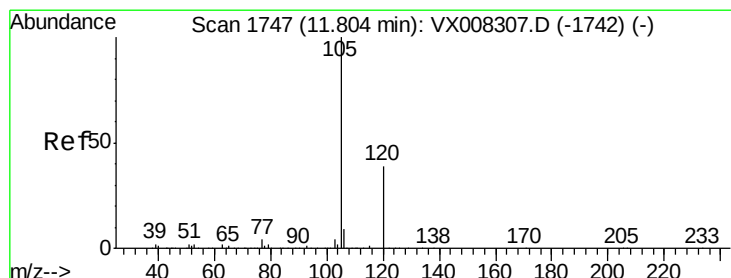
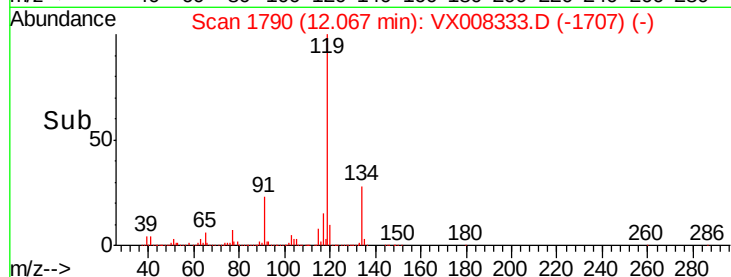
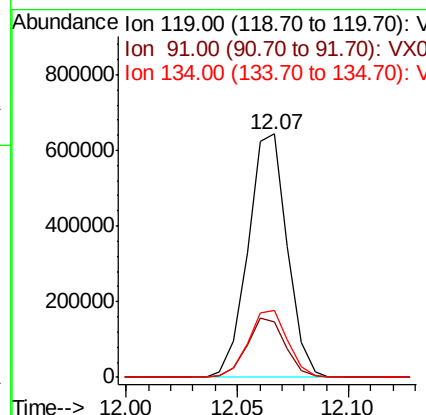
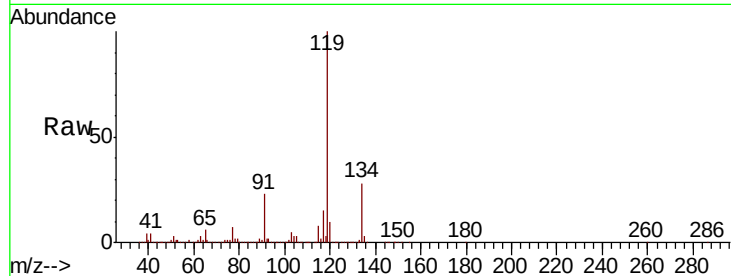




#79
 tert-butylbenzene
 Concen: 100.897 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

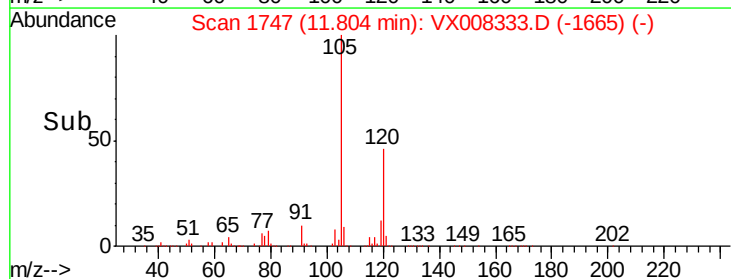
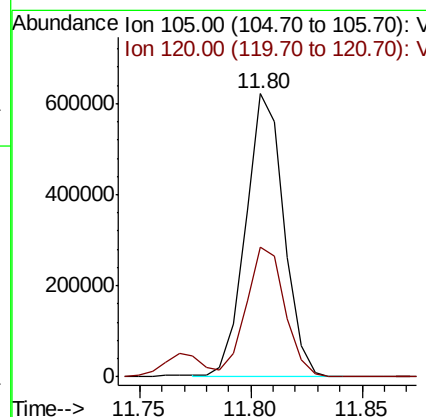
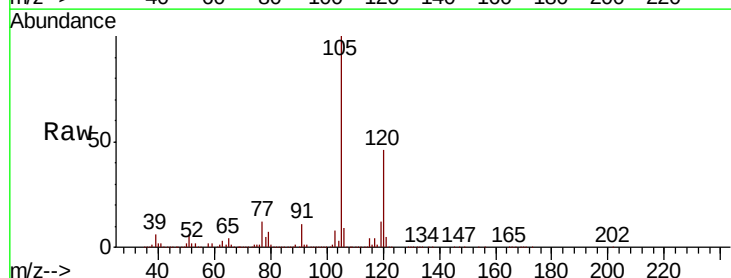
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

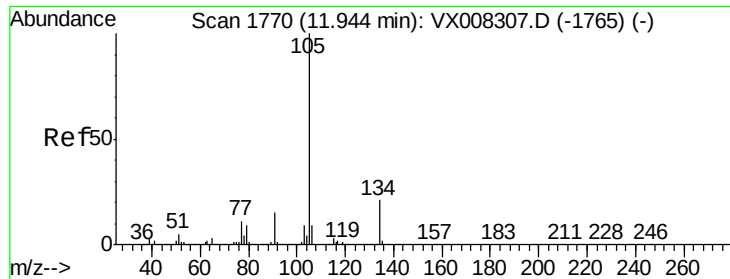
Tgt Ion:119 Resp: 791804
 Ion Ratio Lower Upper
 119 100
 91 23.9 0.0 45.0
 134 27.7 0.0 55.4



#80
 1,2,4-Trimethylbenzene
 Concen: 100.013 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion:105 Resp: 741441
 Ion Ratio Lower Upper
 105 100
 120 46.4 0.0 94.0





#81

sec-Butylbenzene

Concen: 98.587 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

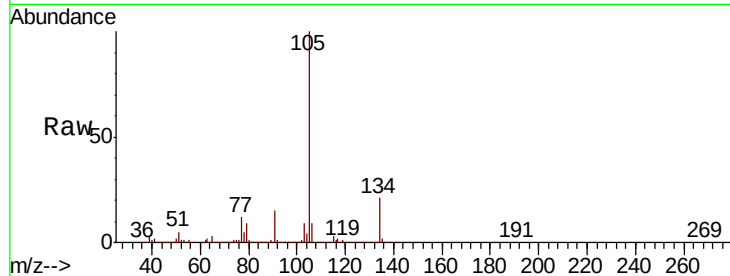
VSTDIC100

Tgt Ion:105 Resp: 838933

Ion Ratio Lower Upper

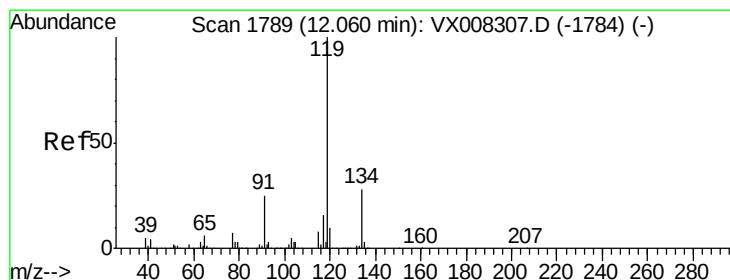
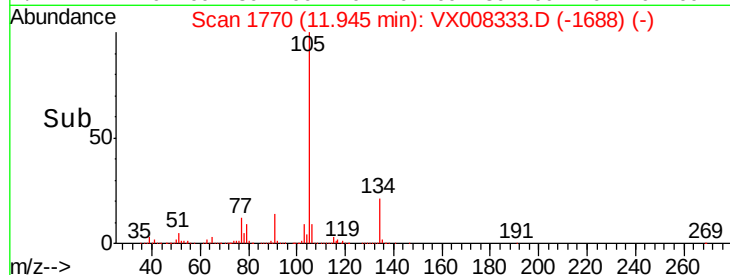
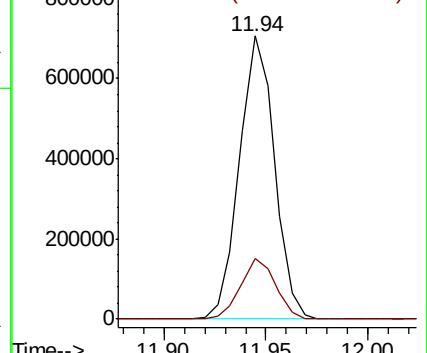
105 100

134 21.5 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 100.897 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

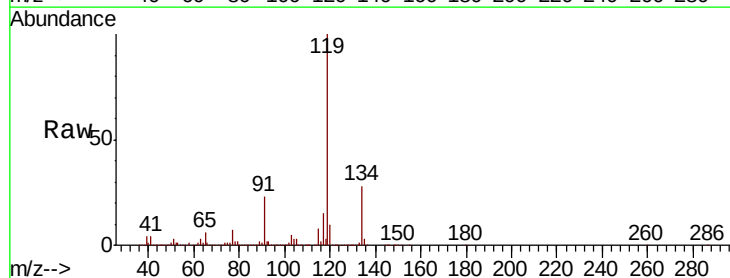
Tgt Ion:119 Resp: 791804

Ion Ratio Lower Upper

119 100

134 27.7 0.0 55.4

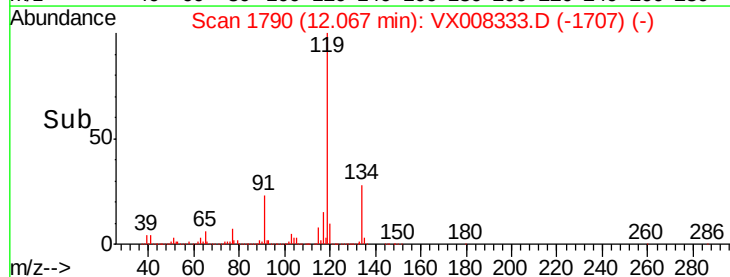
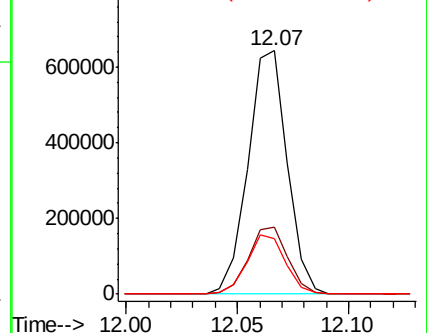
91 23.9 0.0 45.0

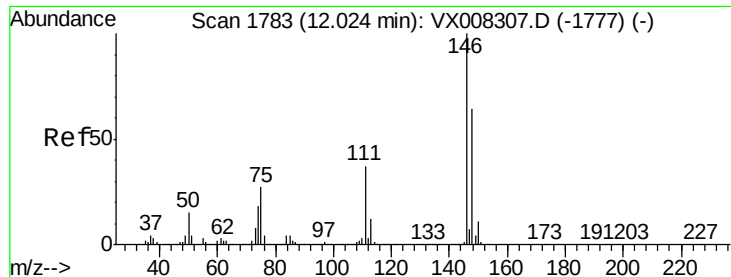


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

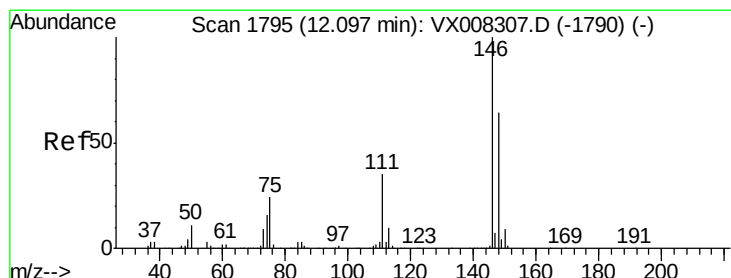
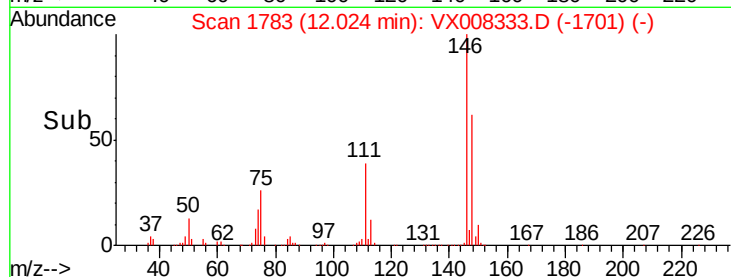
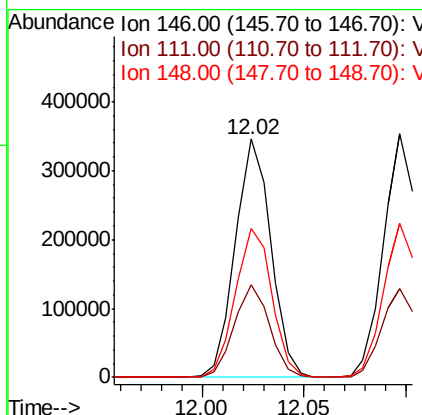
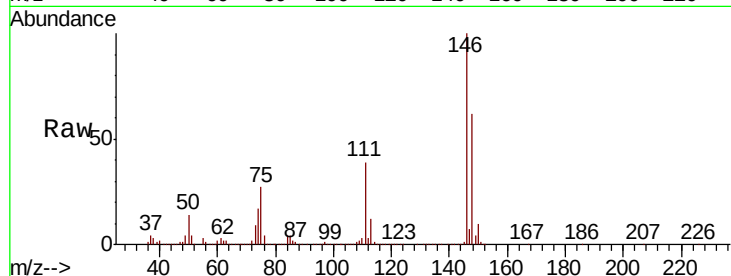




#83
 1,3-Dichlorobenzene
 Concen: 100.141 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

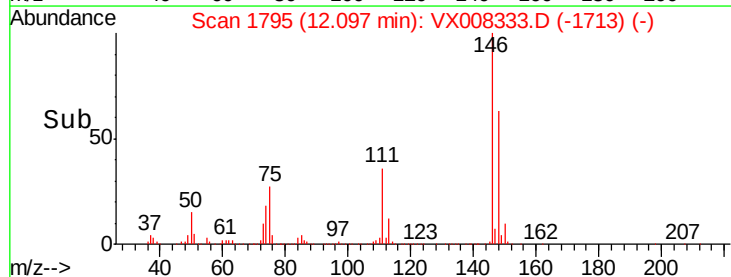
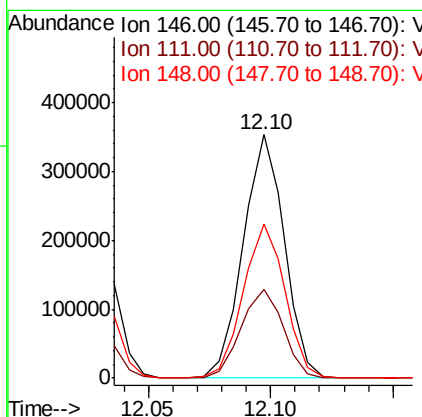
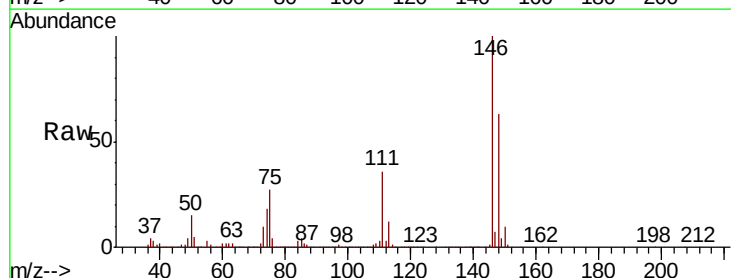
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

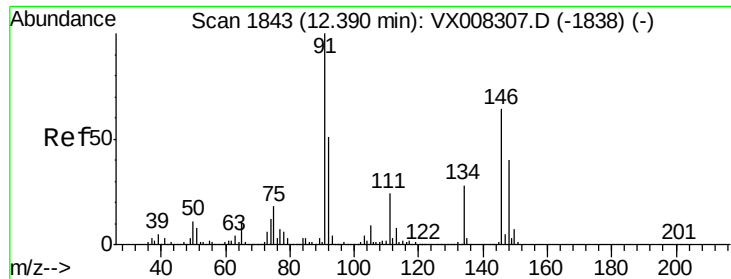
Tgt Ion:146 Resp: 419973
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.3
 148 63.6 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 98.845 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion:146 Resp: 412812
 Ion Ratio Lower Upper
 146 100
 111 37.4 17.6 52.8
 148 64.5 31.4 94.2





#85

n-Butylbenzene

Concen: 103.675 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008333.D

Acq: 22 Mar 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

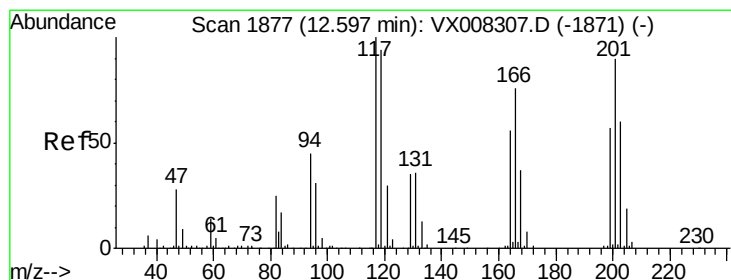
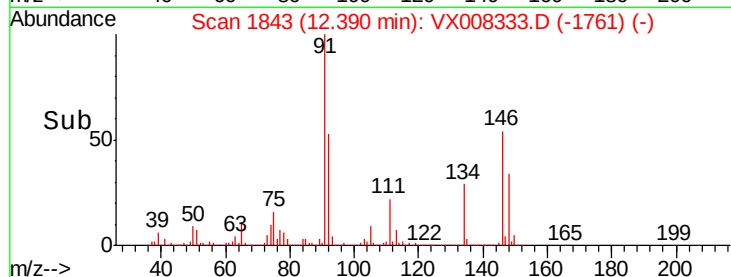
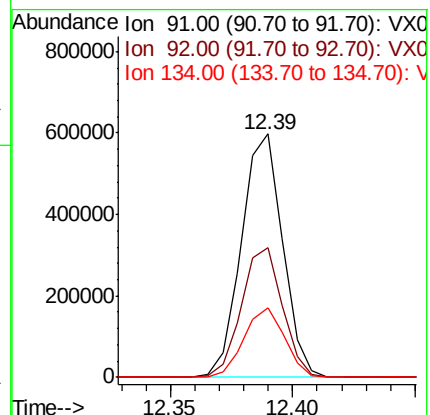
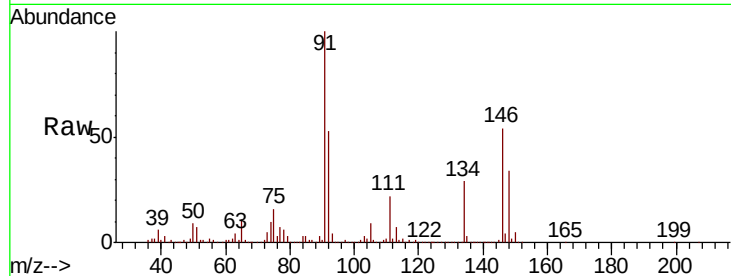
Tgt Ion: 91 Resp: 699850

Ion Ratio Lower Upper

91 100

92 53.1 0.0 105.2

134 28.3 0.0 56.4



#86

Hexachloroethane

Concen: 102.804 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008333.D

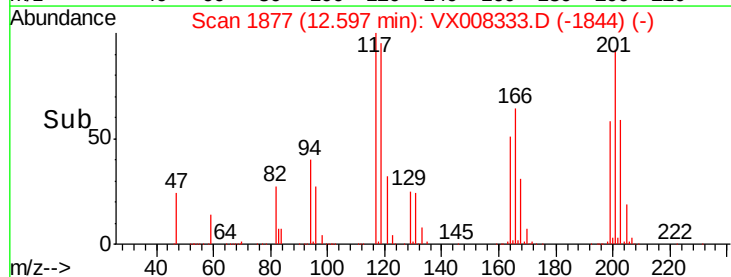
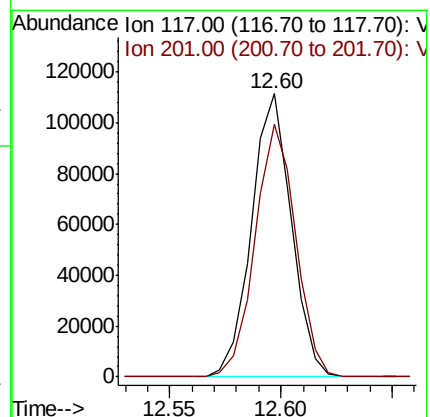
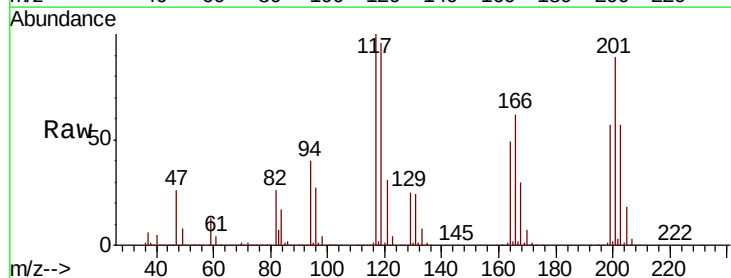
Acq: 22 Mar 2019 12:13

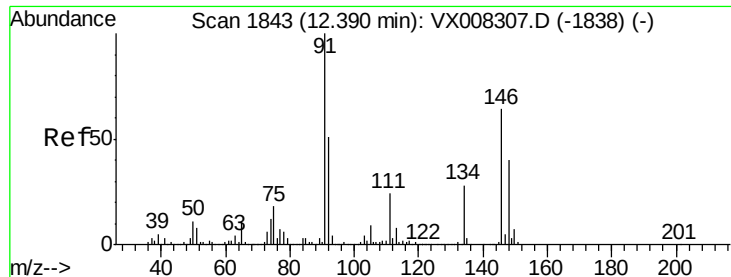
Tgt Ion: 117 Resp: 139045

Ion Ratio Lower Upper

117 100

201 91.0 41.1 123.3

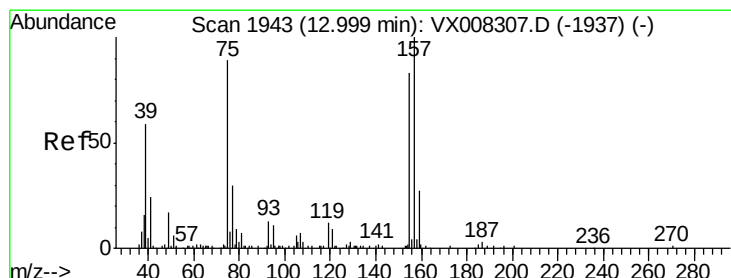
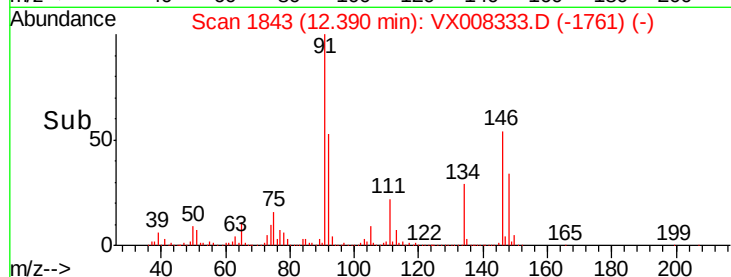
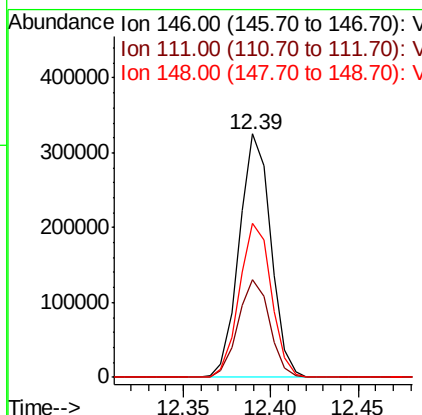
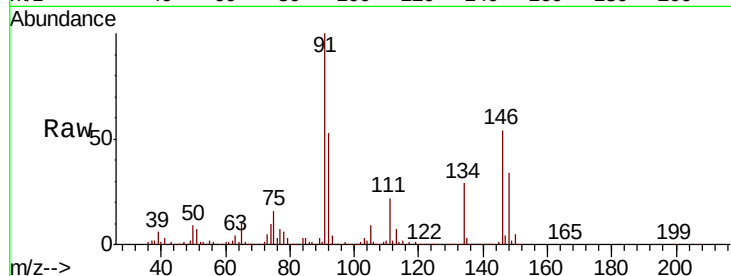




#87
 1,2-Dichlorobenzene
 Concen: 98.786 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

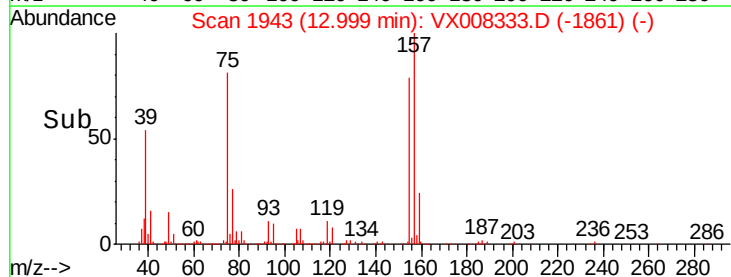
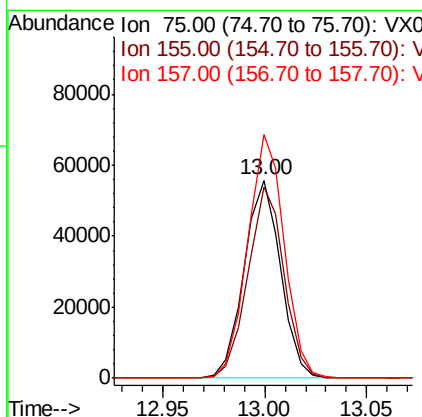
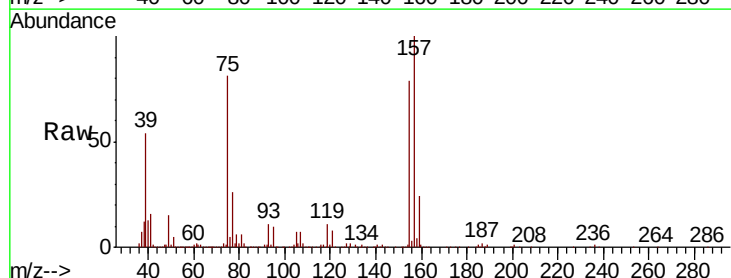
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

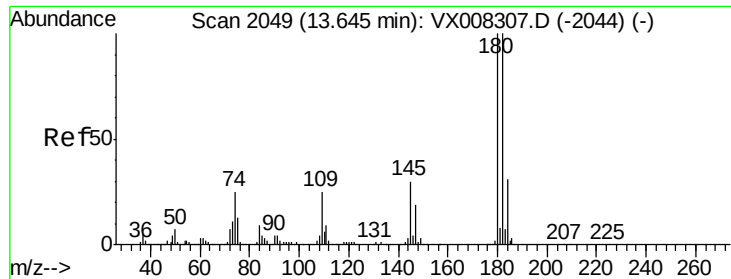
Tgt Ion:146 Resp: 408572
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.3 57.8
 148 63.8 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 101.001 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion: 75 Resp: 68853
 Ion Ratio Lower Upper
 75 100
 155 96.2 81.0 121.6
 157 124.5 103.2 154.8

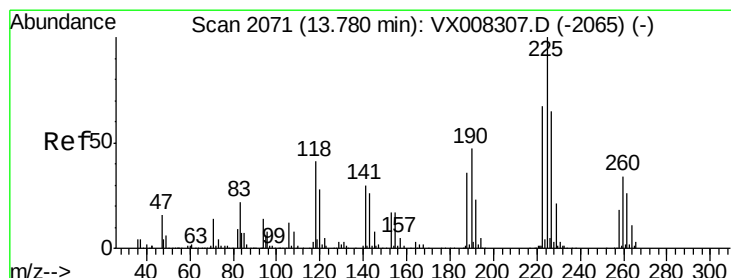
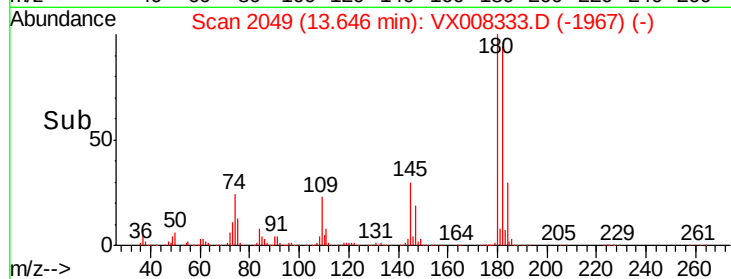
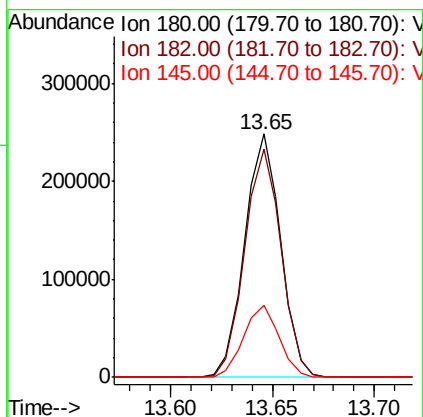
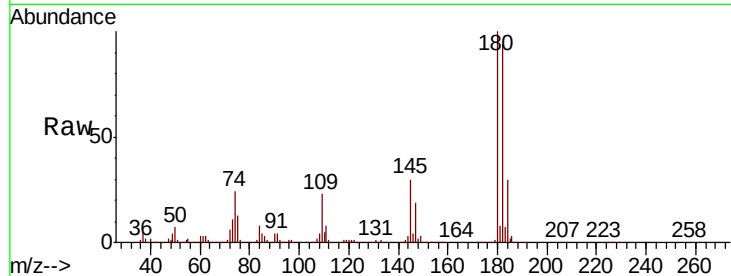




#89
 1,2,4-Trichlorobenzene
 Concen: 104.084 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

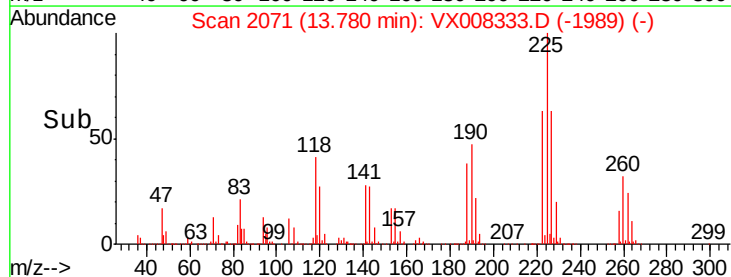
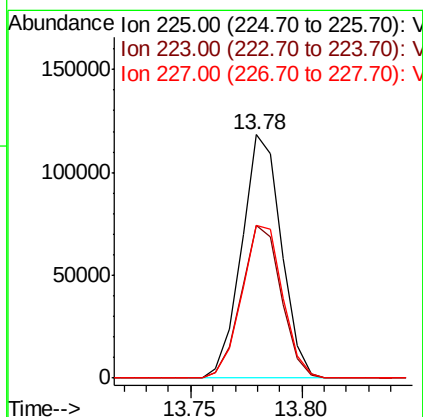
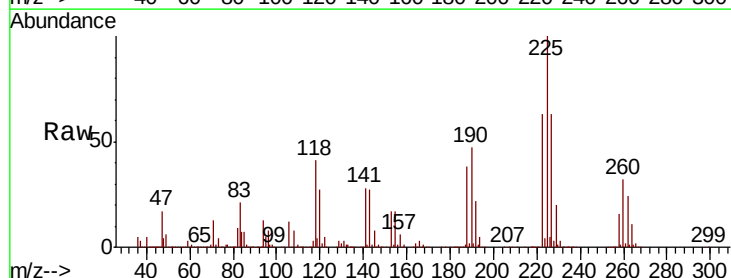
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

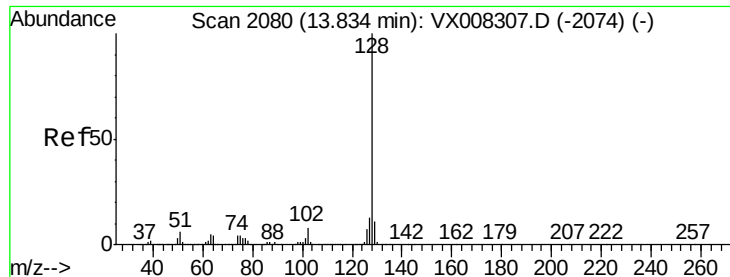
Tgt Ion:180 Resp: 304674
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.6 113.4
 145 29.2 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 99.917 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008333.D
 Acq: 22 Mar 2019 12:13

Tgt Ion:225 Resp: 147235
 Ion Ratio Lower Upper
 225 100
 223 63.1 0.0 123.8
 227 64.7 0.0 124.4

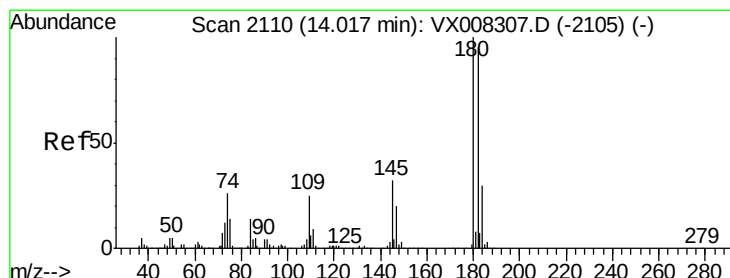
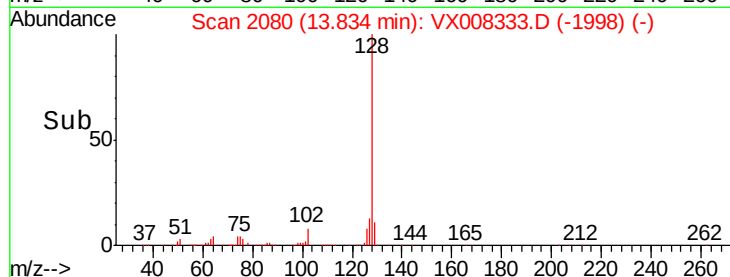
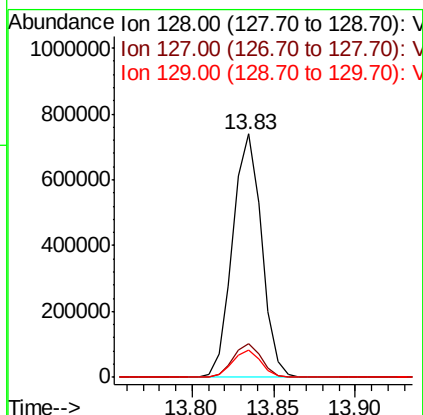
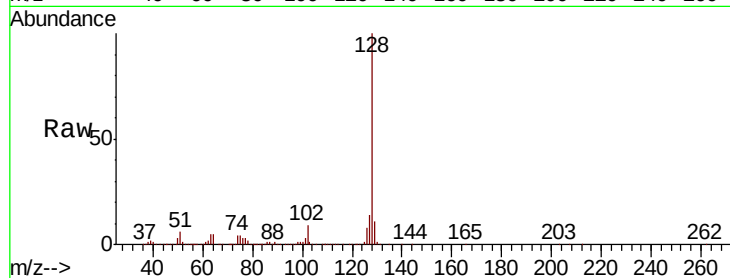




#91
Naphthalene
Concen: 104.211 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.9	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 102.766 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008333.D
Acq: 22 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	193.0
145	30.9	0.0	63.0

