

Data File : VX011872.D
Acq On : 28 Aug 2019 12:27
Operator : SY/SP
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 28 12:48:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 12:26:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	346555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	488756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	451057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	307458	87.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.44%	
35) Dibromofluoromethane	5.49	113	290886	101.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.16%	
50) Toluene-d8	8.71	98	1088548	90.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.44%	
62) 4-Bromofluorobenzene	11.13	95	395249	89.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	174164	59.542	ug/l	99
3) Chloromethane	1.32	50	223303	60.730	ug/l	99
4) Vinyl Chloride	1.40	62	211458	53.464	ug/l	99
5) Bromomethane	1.63	94	119931	50.373	ug/l	100
6) Chloroethane	1.71	64	129234	49.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	345467	66.612	ug/l	100
8) Diethyl Ether	2.18	74	109573	55.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227590	69.177	ug/l	100
10) Methyl Iodide	2.50	142	266672	70.502	ug/l	100
11) Tert butyl alcohol	3.04	59	90240	159.002	ug/l	98
12) 1,1-Dichloroethene	2.36	96	230554	74.430	ug/l	97
13) Acrolein	2.29	56	50875	273.988	ug/l	98
14) Allyl chloride	2.72	41	381296	69.440	ug/l	99
15) Acrylonitrile	3.14	53	296909	205.710	ug/l	99
16) Acetone	2.43	43	392891	293.466	ug/l	99
17) Carbon Disulfide	2.56	76	692298	68.691	ug/l	100
18) Methyl Acetate	2.76	43	172495	45.849	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	630872	74.823	ug/l	99
20) Methylene Chloride	2.85	84	259588	63.244	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	261206	76.959	ug/l	98
22) Diisopropyl ether	3.85	45	777550	78.442	ug/l	99
23) Vinyl Acetate	3.81	43	1727679	241.662	ug/l	100
24) 1,1-Dichloroethane	3.69	63	455860	78.858	ug/l	99
25) 2-Butanone	4.66	43	418985	214.681	ug/l	98
26) 2,2-Dichloropropane	4.57	77	356657	78.337	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	297362	81.297	ug/l	99
28) Bromochloromethane	5.00	49	256068	98.752	ug/l	99
29) Tetrahydrofuran	5.12	42	245540	197.418	ug/l	100
30) Chloroform	5.20	83	468887	82.315	ug/l	99
31) Cyclohexane	5.57	56	380011	68.054	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	424583	86.725	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348958	76.239	ug/l	99
37) Ethyl Acetate	4.82	43	154890	44.053	ug/l	100
38) Carbon Tetrachloride	5.77	117	340865	80.512	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	410387	73.028	ug/l	99
40) Benzene	6.13	78	1023533	78.033	ug/l	100
41) Methacrylonitrile	5.03	41	102964	51.954	ug/l	99
42) 1,2-Dichloroethane	6.18	62	328155	82.832	ug/l	99
43) Isopropyl Acetate	6.43	43	301197	53.765	ug/l	100
44) Trichloroethene	7.21	130	341158	91.176	ug/l	99
45) 1,2-Dichloropropane	7.51	63	256938	79.655	ug/l	98
46) Dibromomethane	7.65	93	149120	80.223	ug/l	100
47) Bromodichloromethane	7.89	83	359638	97.088	ug/l	99
48) Methyl methacrylate	7.76	41	150389	53.519	ug/l	100
49) 1,4-Dioxane	7.74	88	32447	572.105	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	618930	179.774	ug/l	100
52) Toluene	8.78	92	658235	80.449	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	307329	72.642	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	387871	82.249	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	199001	70.669	ug/l	98
56) Ethyl methacrylate	9.17	69	202612	52.381	ug/l	99
57) 1,3-Dichloropropane	9.37	76	328201	69.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	357220	193.047	ug/l	100
59) 2-Hexanone	9.49	43	405854	154.740	ug/l	100
60) Dibromochloromethane	9.58	129	267837	94.444	ug/l	99
61) 1,2-Dibromoethane	9.67	107	195280	67.921	ug/l	99
64) Tetrachloroethene	9.33	164	370275	104.437	ug/l	98
65) Chlorobenzene	10.13	112	729521	77.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	269223	87.588	ug/l	100
67) Ethyl Benzene	10.25	91	1244453	78.191	ug/l	99
68) m/p-Xylenes	10.35	106	956448	153.624	ug/l	100
69) o-Xylene	10.69	106	452598	78.291	ug/l	99
70) Styrene	10.71	104	761678	78.316	ug/l	100
71) Bromoform	10.85	173	177775	84.117	ug/l	97
73) Isopropylbenzene	11.01	105	1180001	78.072	ug/l	100
74) N-amyl acetate	6.43	43	301197	56.223	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.26	83	195739	49.814	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185936	55.874	ug/l	89
77) Bromobenzene	11.25	156	336771	85.466	ug/l	98
78) n-propylbenzene	11.36	91	1318131	71.987	ug/l	100
79) 2-Chlorotoluene	11.41	91	815972	78.491	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1006842	78.045	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43219	38.469	ug/l	99
82) 4-Chlorotoluene	11.51	91	950853	75.409	ug/l	99
83) tert-Butylbenzene	11.77	119	938398	73.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	958277	72.165	ug/l	100
85) sec-Butylbenzene	11.94	105	1091038	66.835	ug/l	100
86) p-Isopropyltoluene	12.06	119	1008903	67.999	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	599687	75.234	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	585623	72.012	ug/l	100
89) n-Butylbenzene	12.38	91	843085	59.703	ug/l	99
90) Hexachloroethane	12.59	117	161789	73.436	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	520364	70.101	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27477	35.242	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082819\
Quantitation Report (Not Reviewed)

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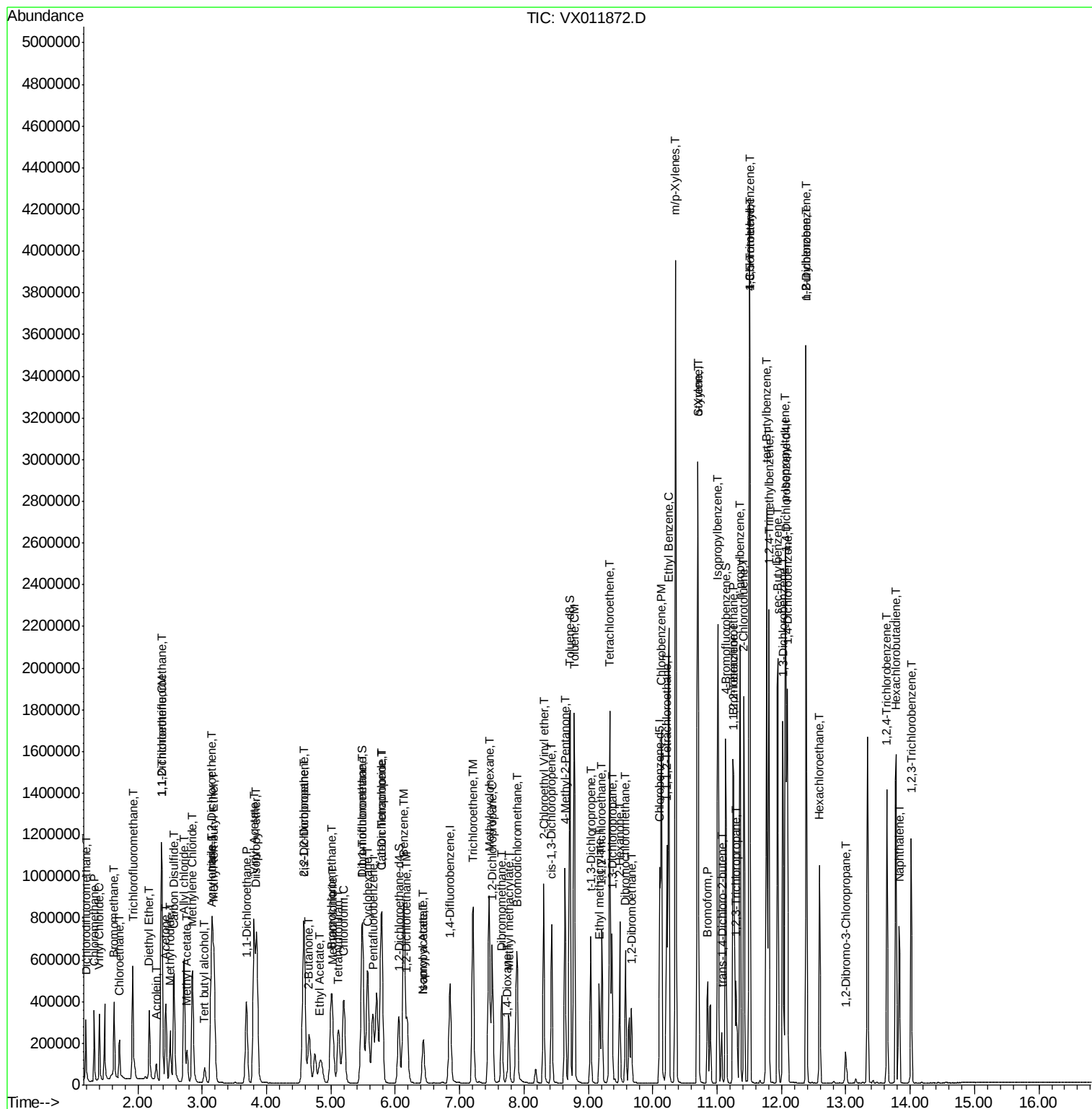
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	372823	63.314	ug/l	99
94) Hexachlorobutadiene	13.78	225	263345	69.932	ug/l	99
95) Naphthalene	13.83	128	454902	36.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298389	55.823	ug/l	99

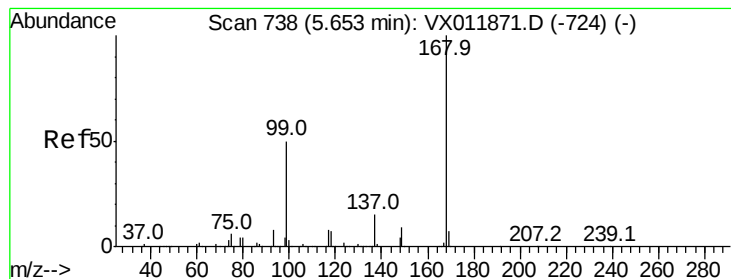
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ClientSampleID :
VSTDICC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

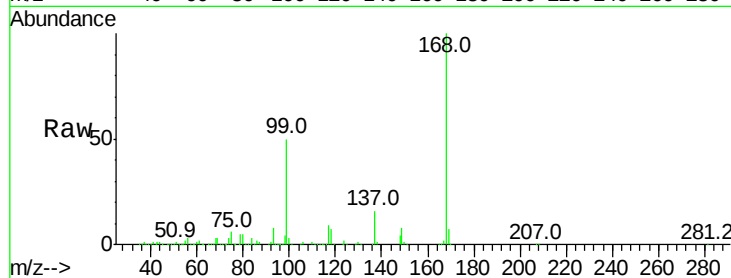
VSTDICC100

Tgt Ion:168 Resp: 346555

Ion Ratio Lower Upper

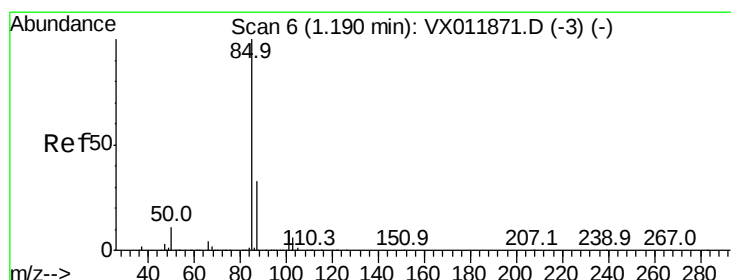
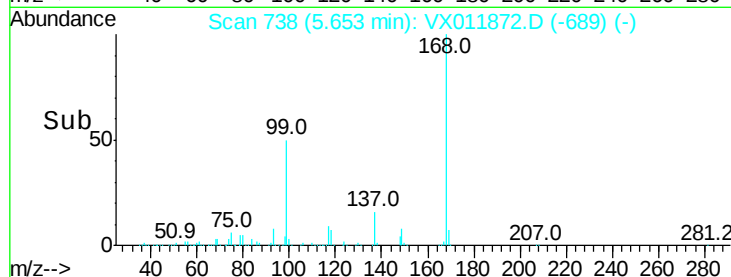
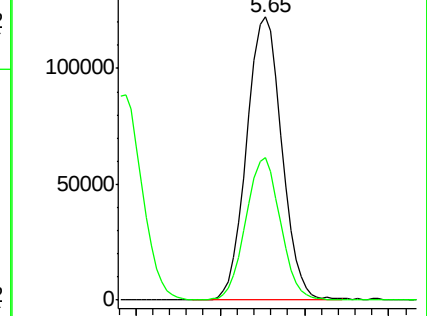
168 100

99 50.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.542 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011872.D

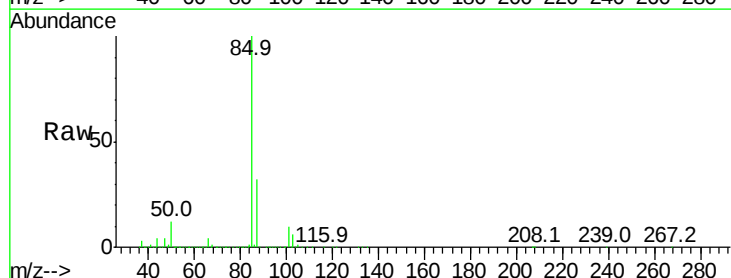
Acq: 28 Aug 2019 12:27

Tgt Ion: 85 Resp: 174164

Ion Ratio Lower Upper

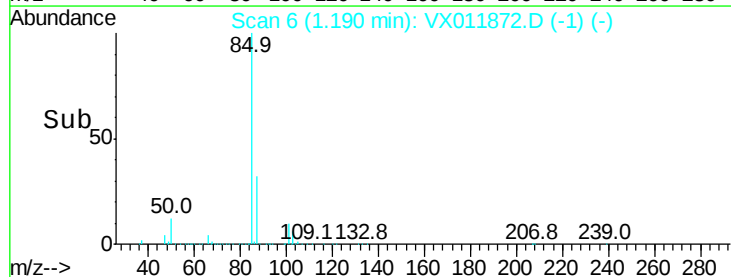
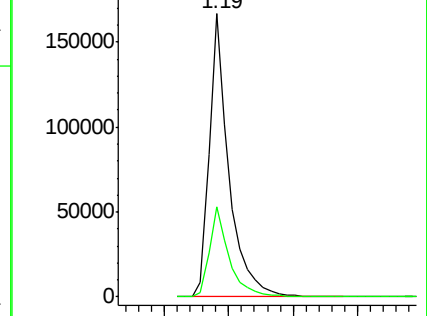
85 100

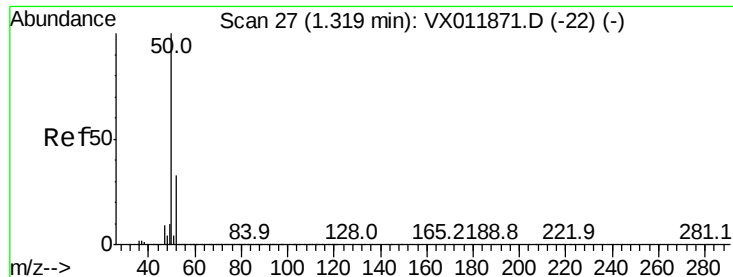
87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 60.730 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

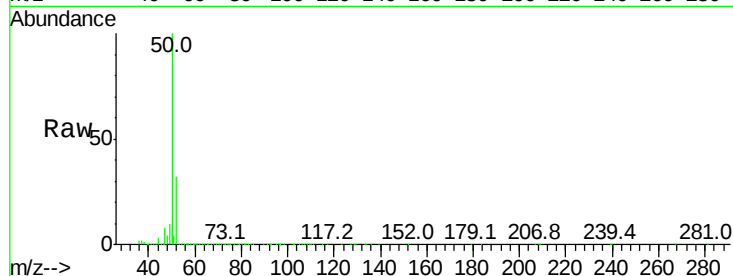
VSTDIC100

Tgt Ion: 50 Resp: 223303

Ion Ratio Lower Upper

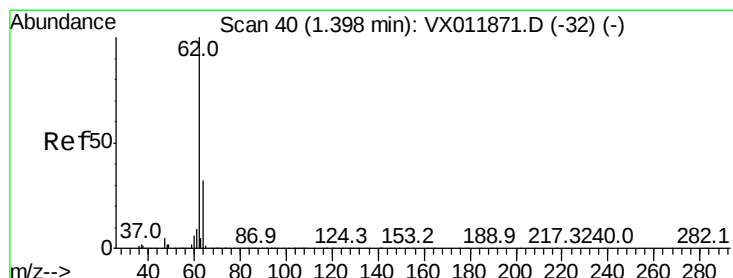
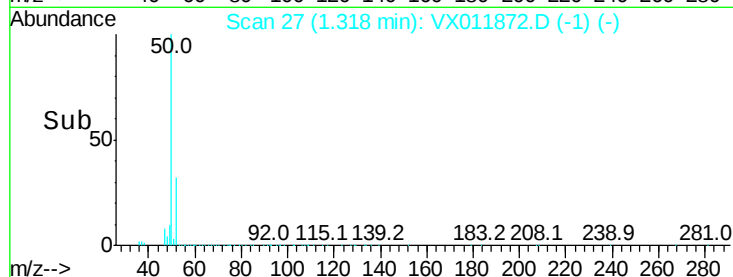
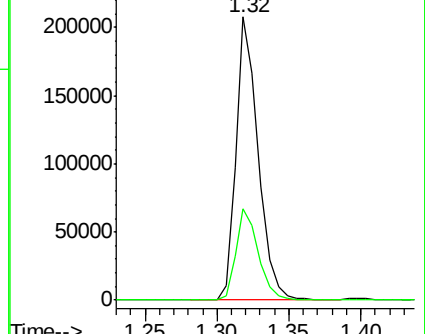
50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.464 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011872.D

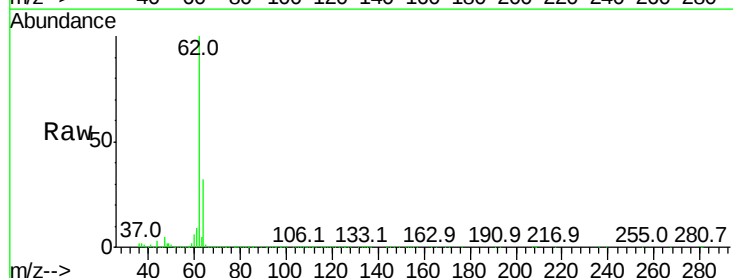
Acq: 28 Aug 2019 12:27

Tgt Ion: 62 Resp: 211458

Ion Ratio Lower Upper

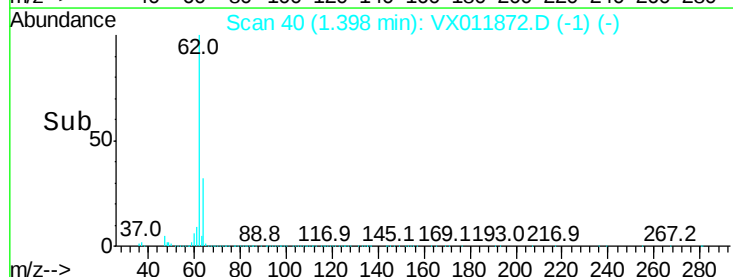
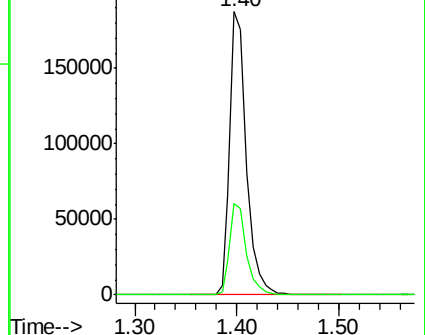
62 100

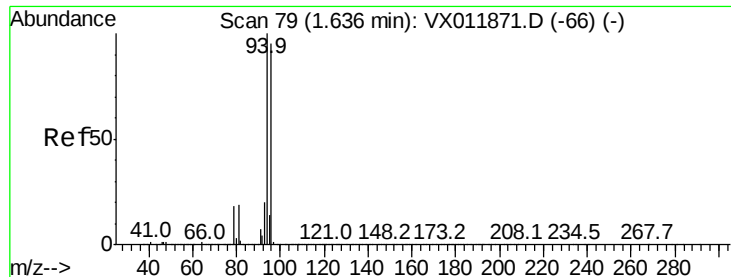
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.373 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

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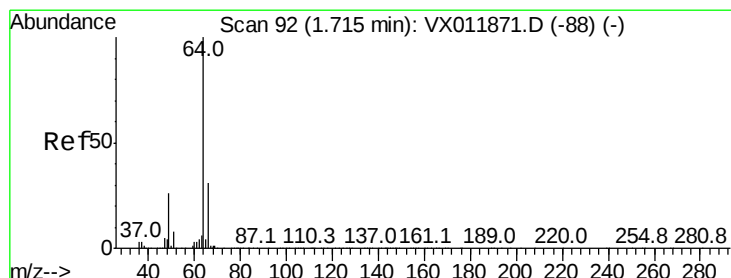
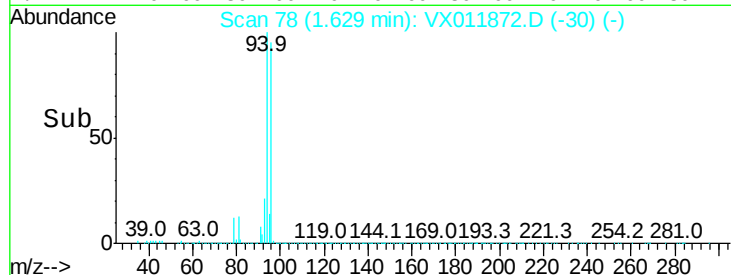
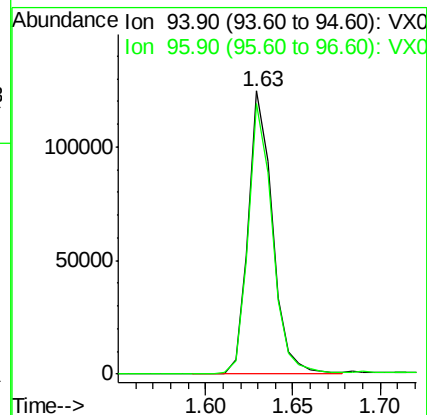
VSTDICC100

Tgt Ion: 94 Resp: 119931

Ion Ratio Lower Upper

94 100

96 95.3 76.0 114.0



#6

Chloroethane

Concen: 49.413 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011872.D

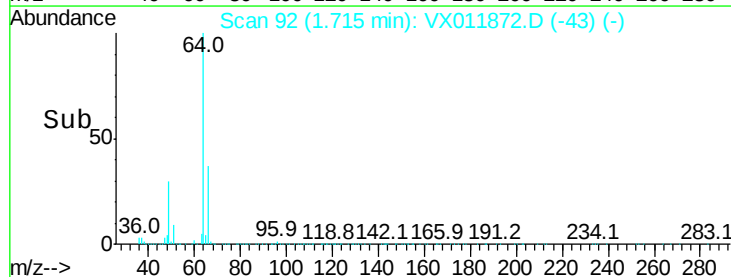
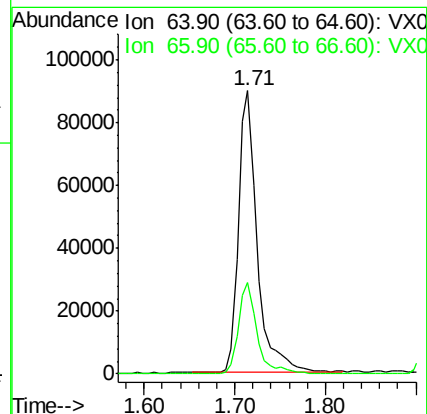
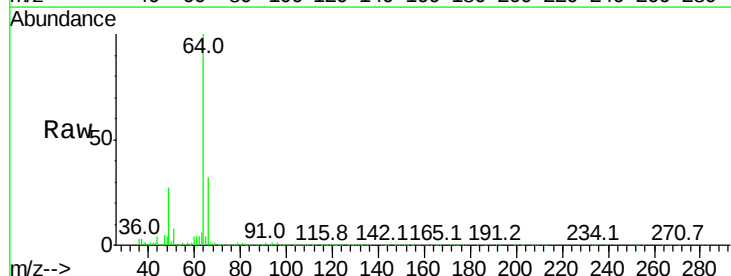
Acq: 28 Aug 2019 12:27

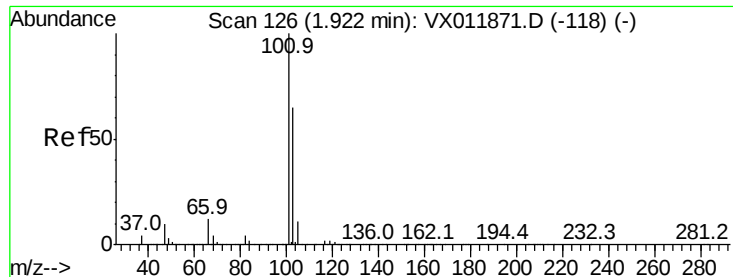
Tgt Ion: 64 Resp: 129234

Ion Ratio Lower Upper

64 100

66 32.3 25.0 37.4



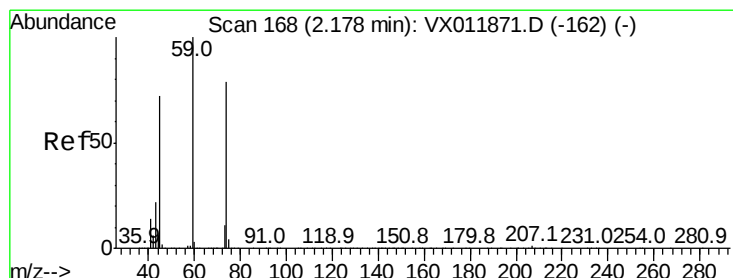
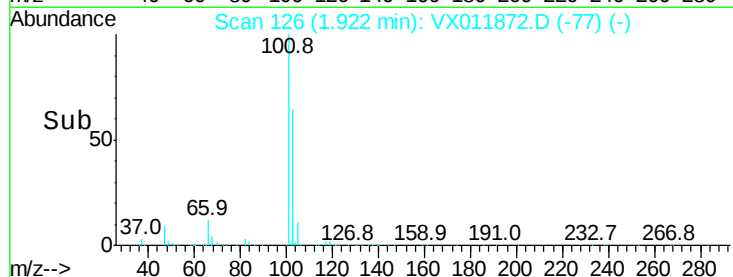
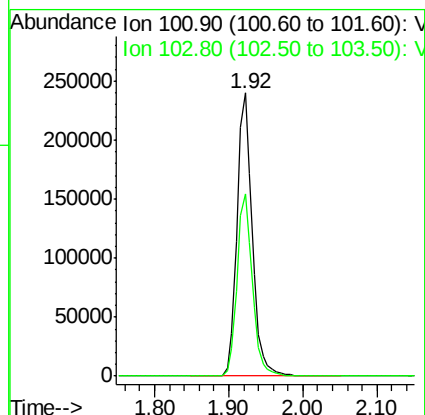
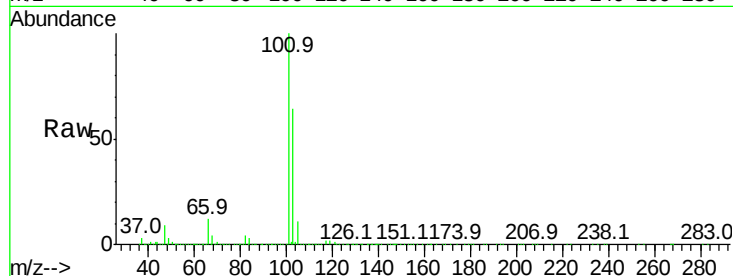


#7

Trichlorofluoromethane
Concen: 66.612 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
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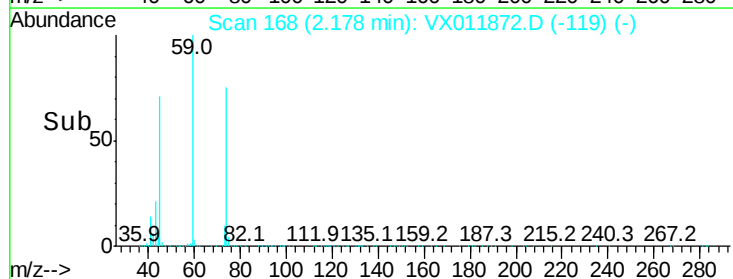
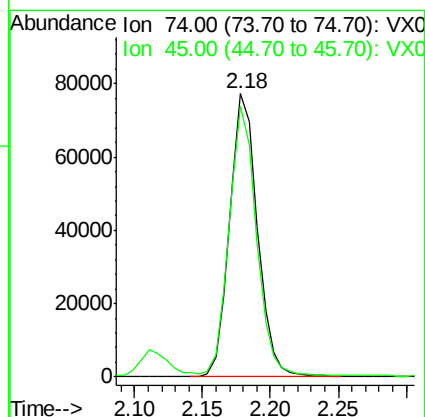
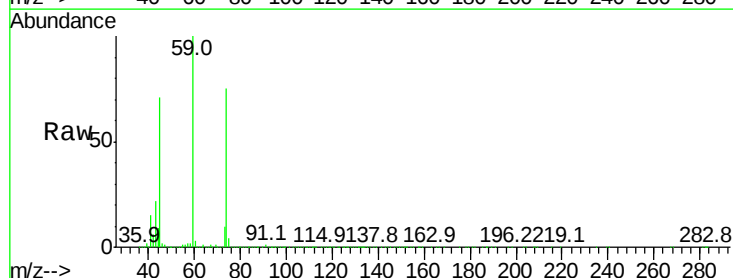
Tgt Ion: 101 Resp: 345467
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

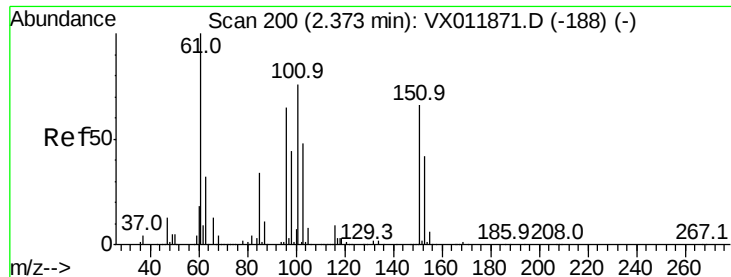


#8

Diethyl Ether
Concen: 55.902 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion: 74 Resp: 109573
Ion Ratio Lower Upper
74 100
45 93.7 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.177 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

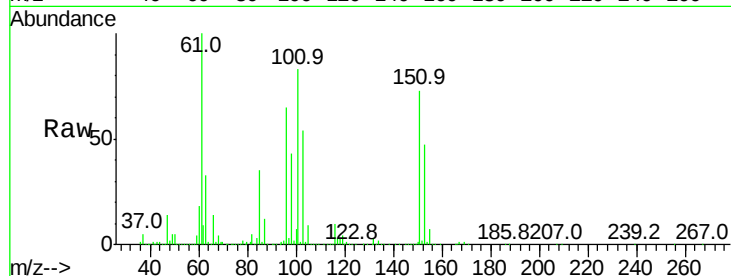
Tgt Ion:101 Resp: 227590

Ion Ratio Lower Upper

101 100

85 43.0 34.5 51.7

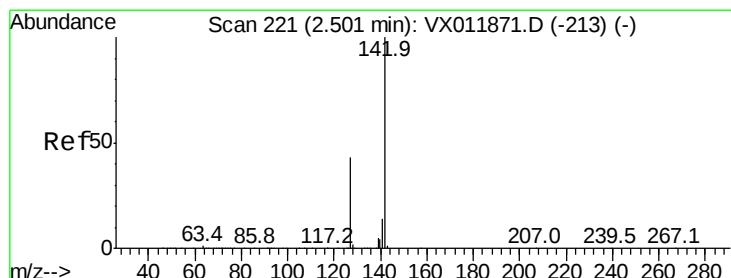
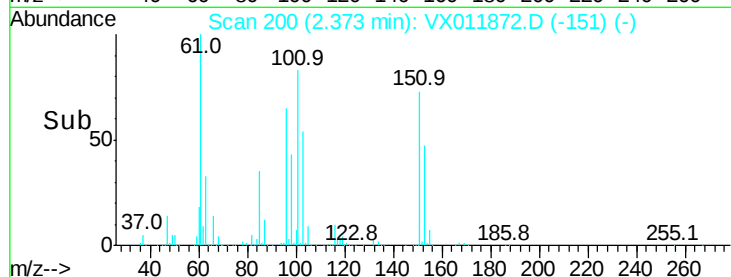
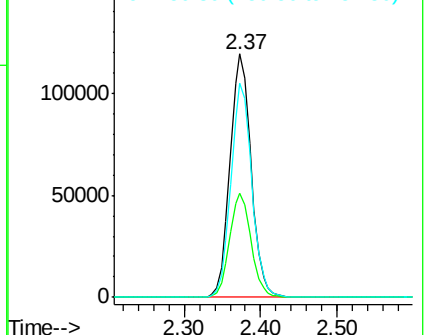
151 87.2 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 70.502 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

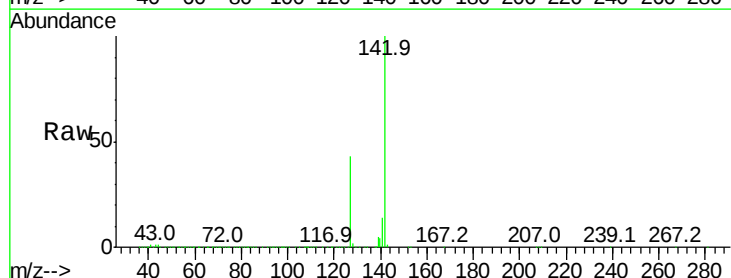
Tgt Ion:142 Resp: 266672

Ion Ratio Lower Upper

142 100

127 43.2 34.5 51.7

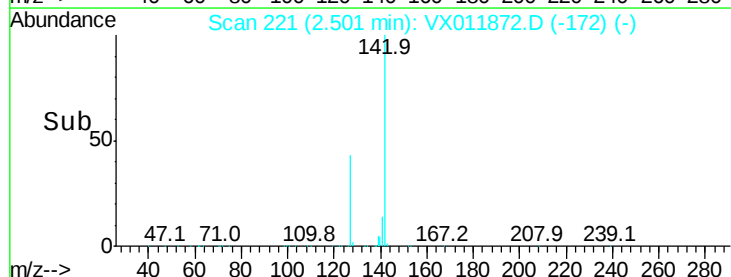
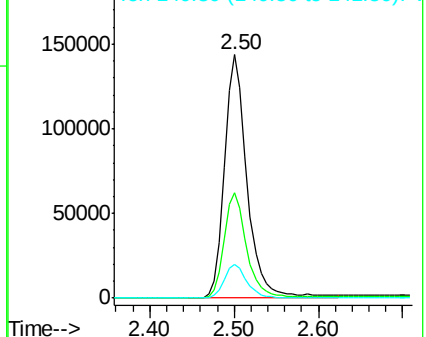
141 14.2 11.6 17.4

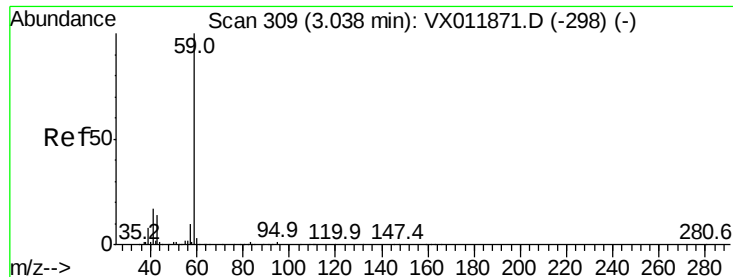


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



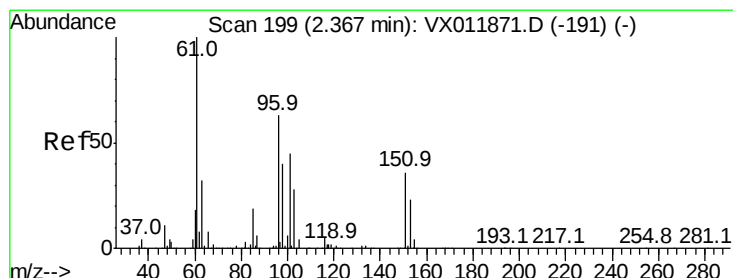
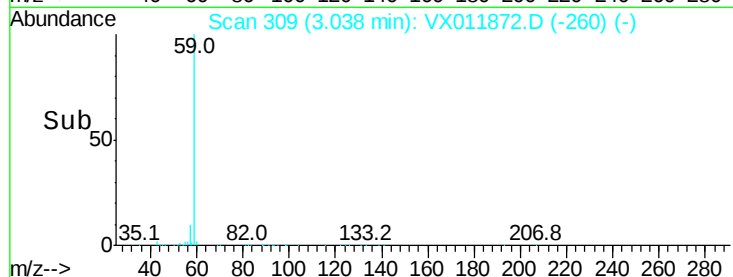
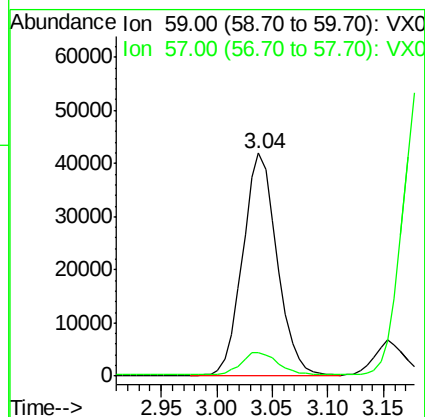
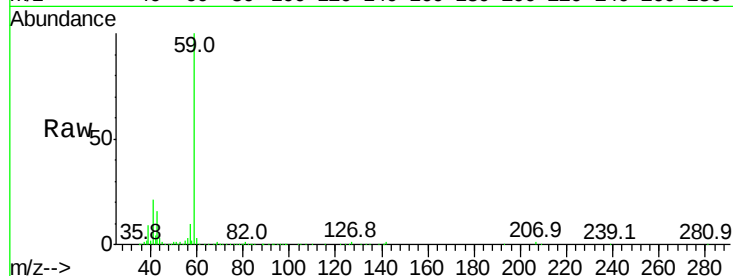


#11

Tert butyl alcohol
 Concen: 159.002 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

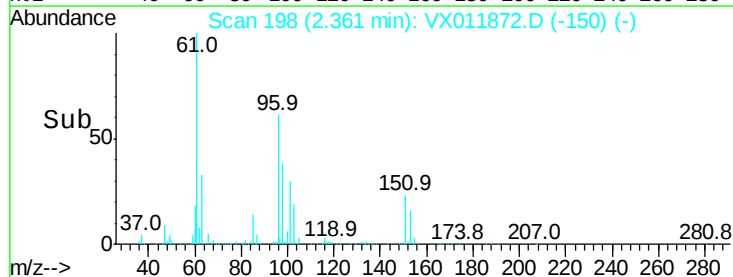
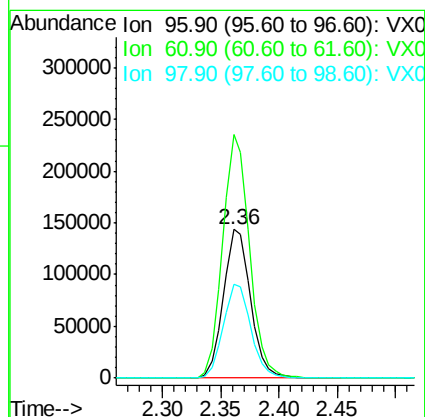
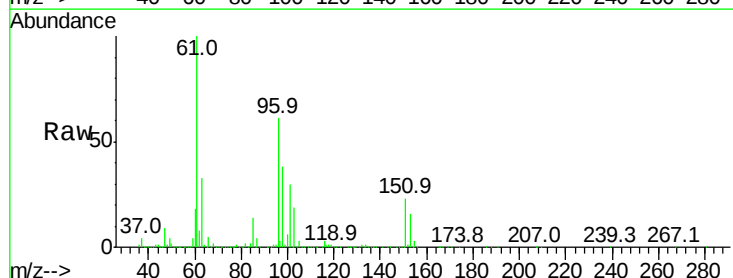
Tgt Ion: 59 Resp: 90240
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.3 12.5

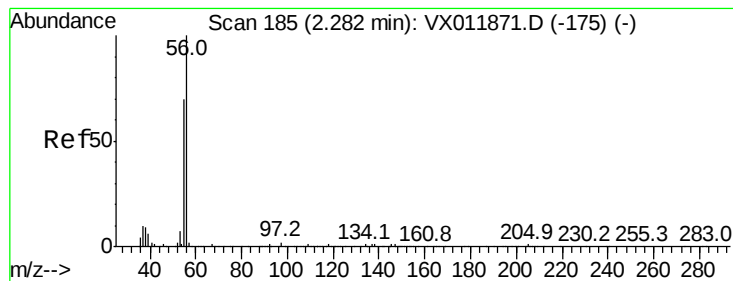


#12

1,1-Dichloroethene
 Concen: 74.430 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Tgt Ion: 96 Resp: 230554
 Ion Ratio Lower Upper
 96 100
 61 164.0 128.0 192.0
 98 63.0 51.4 77.2





#13

Acrolein

Concen: 273.988 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

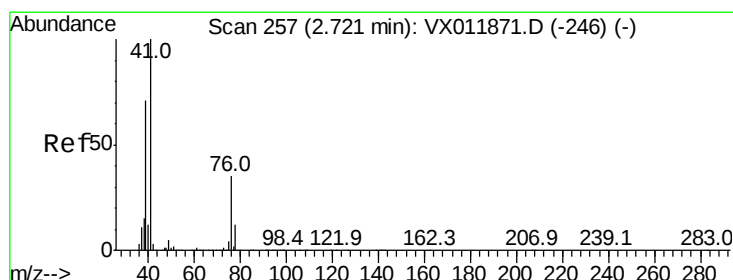
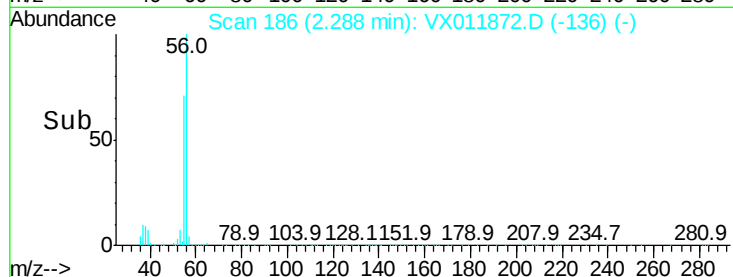
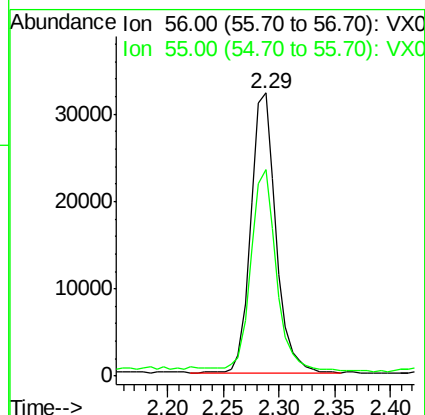
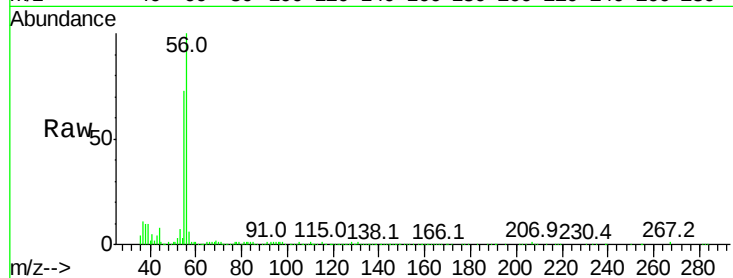
VSTDIC100

Tgt Ion: 56 Resp: 50875

Ion Ratio Lower Upper

56 100

55 73.5 60.2 90.4



#14

Allyl chloride

Concen: 69.440 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

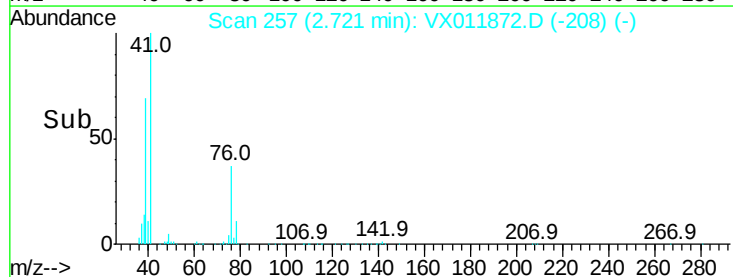
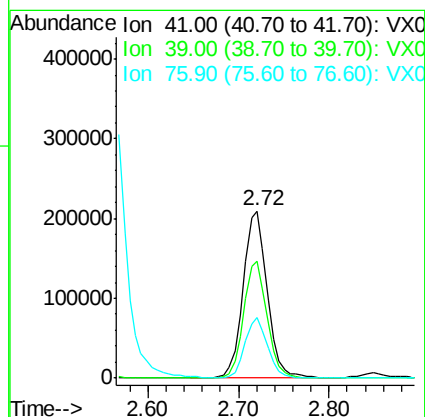
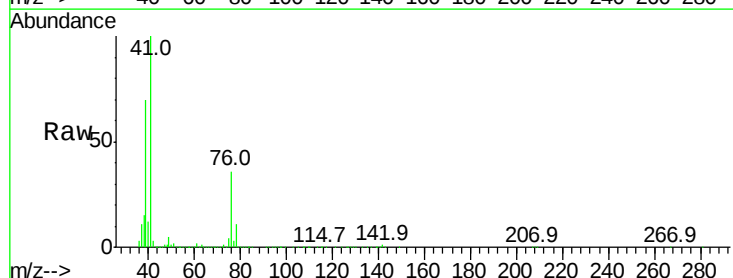
Tgt Ion: 41 Resp: 381296

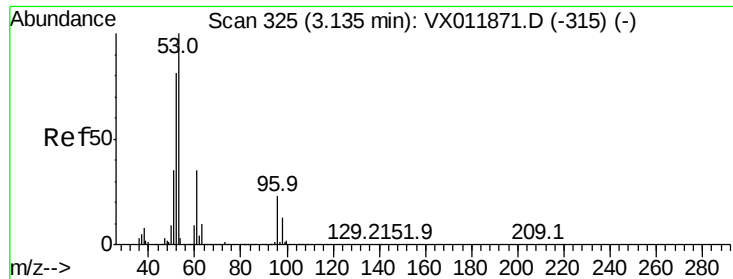
Ion Ratio Lower Upper

41 100

39 67.8 54.6 82.0

76 34.1 27.1 40.7





#15

Acrylonitrile

Concen: 205.710 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

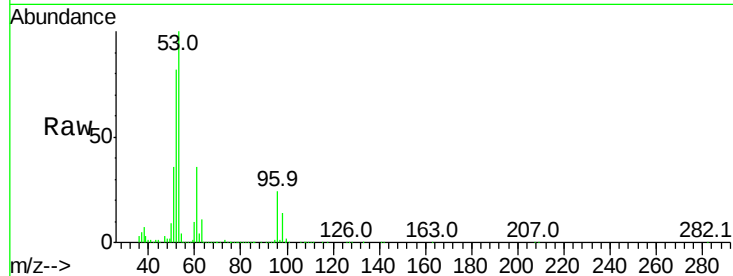
Tgt Ion: 53 Resp: 296909

Ion Ratio Lower Upper

53 100

52 82.2 65.3 97.9

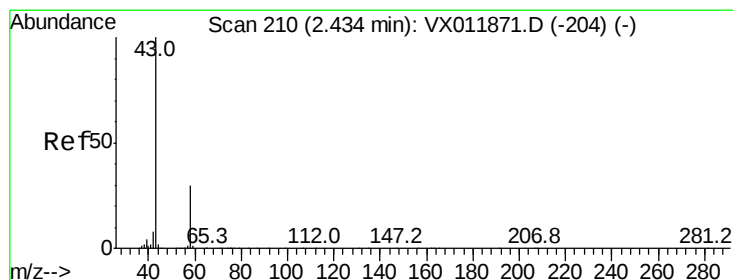
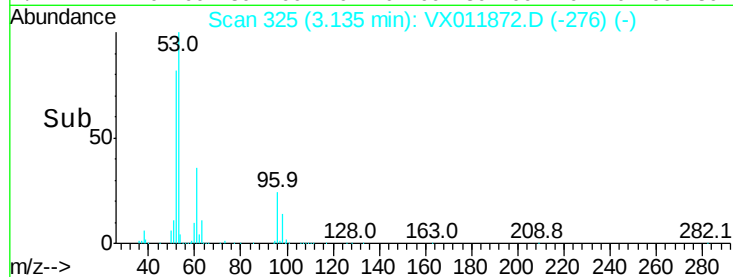
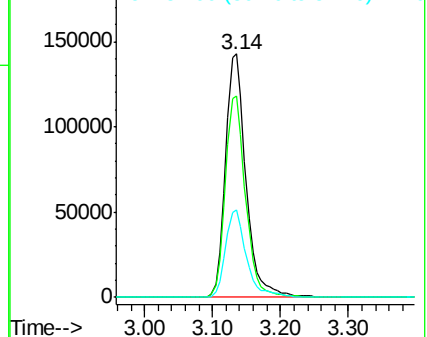
51 36.6 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 293.466 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011872.D

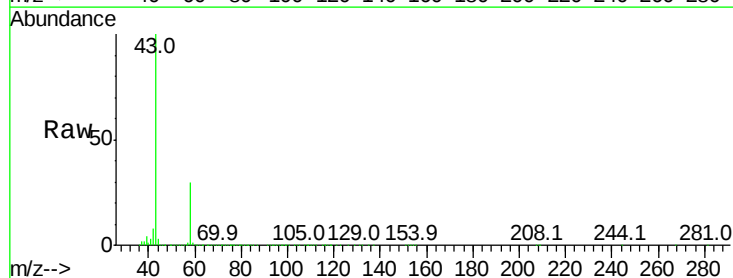
Acq: 28 Aug 2019 12:27

Tgt Ion: 43 Resp: 392891

Ion Ratio Lower Upper

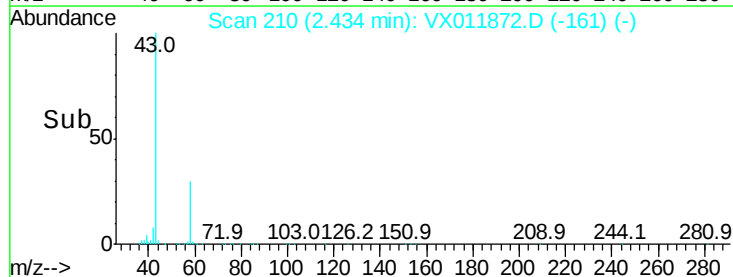
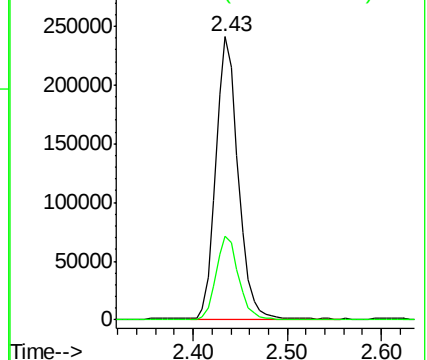
43 100

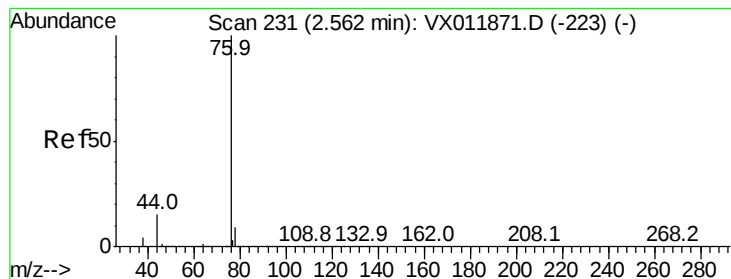
58 29.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 68.691 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

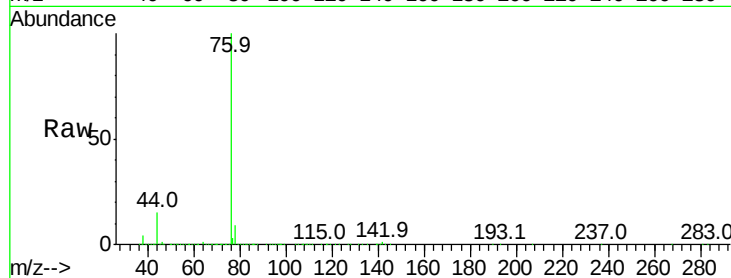
VSTDIC100

Tgt Ion: 76 Resp: 692298

Ion Ratio Lower Upper

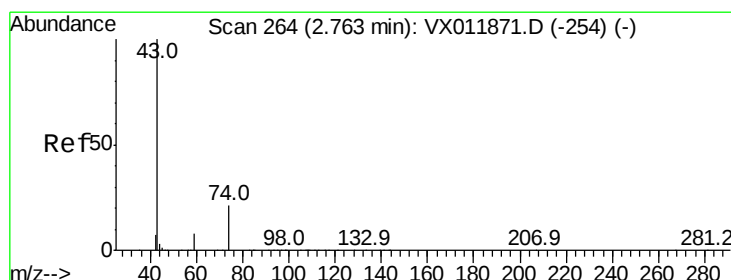
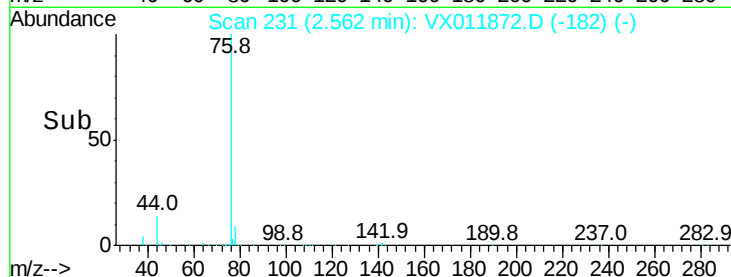
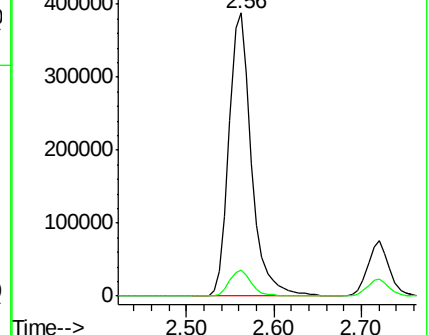
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.849 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011872.D

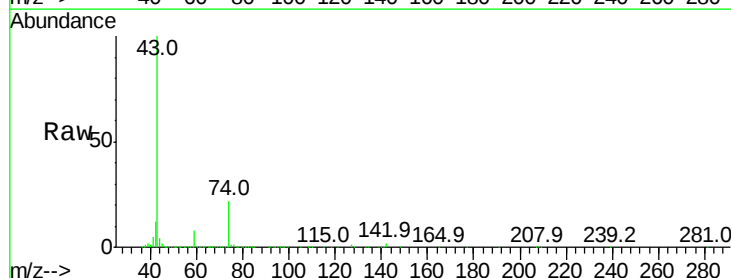
Acq: 28 Aug 2019 12:27

Tgt Ion: 43 Resp: 172495

Ion Ratio Lower Upper

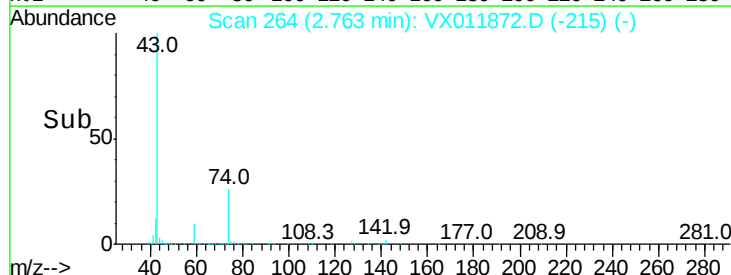
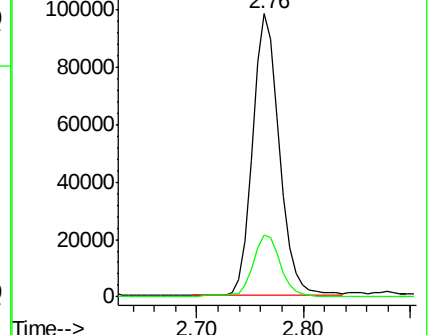
43 100

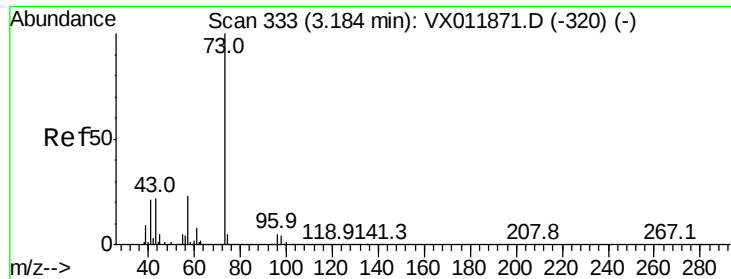
74 23.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

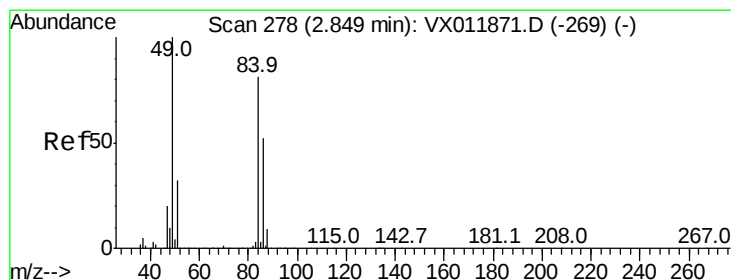
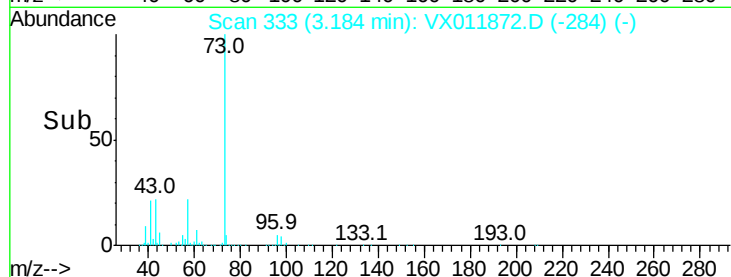
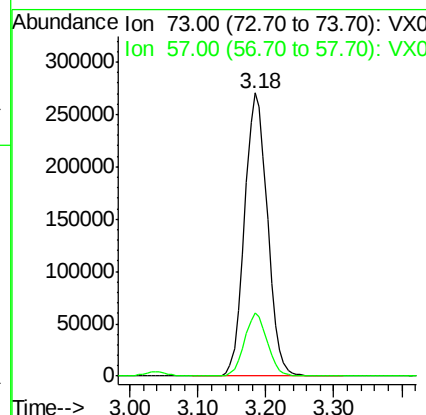
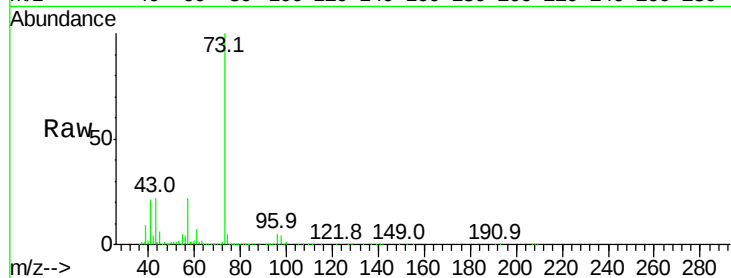




#19
Methyl tert-butyl Ether
Concen: 74.823 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

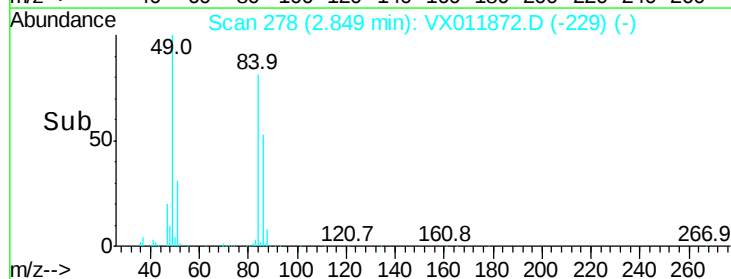
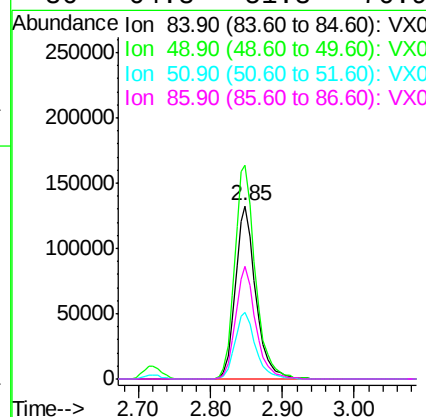
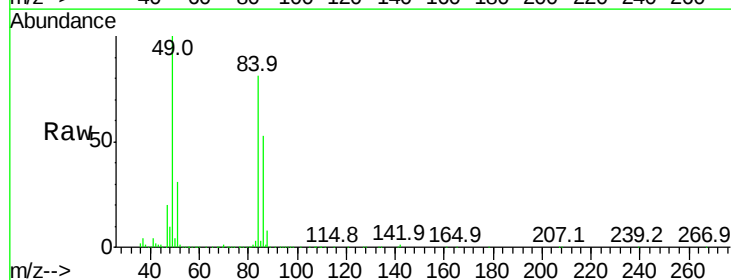
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

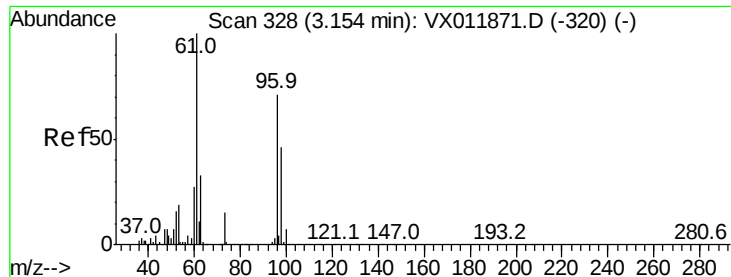
Tgt Ion: 73 Resp: 630872
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 63.244 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion: 84 Resp: 259588
Ion Ratio Lower Upper
84 100
49 123.2 98.9 148.3
51 38.2 31.4 47.2
86 64.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 76.959 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

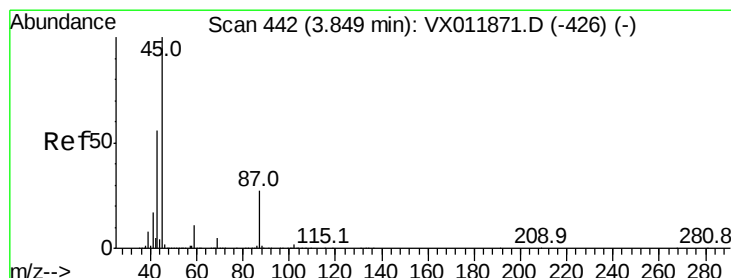
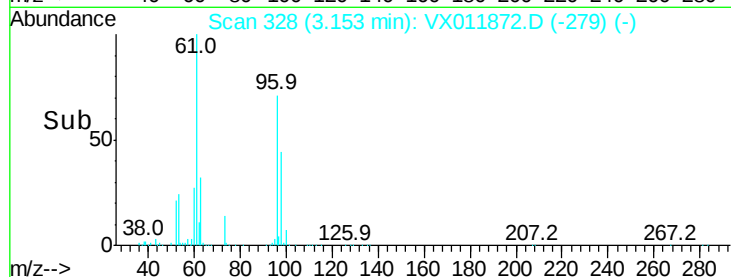
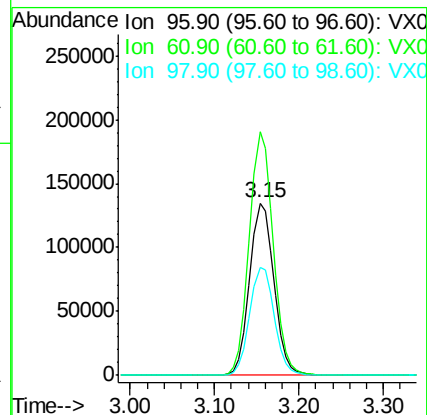
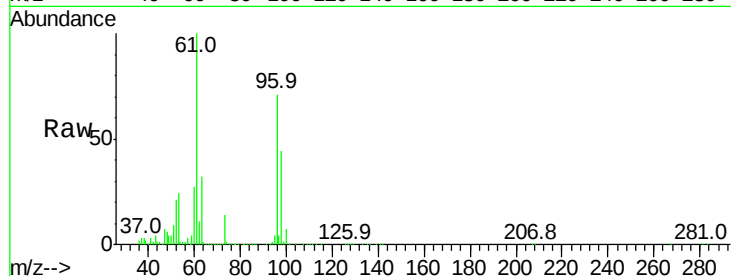
Tgt Ion: 96 Resp: 261206

Ion Ratio Lower Upper

96 100

61 141.7 111.9 167.9

98 62.8 51.7 77.5



#22

Diisopropyl ether

Concen: 78.442 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Tgt Ion: 45 Resp: 777550

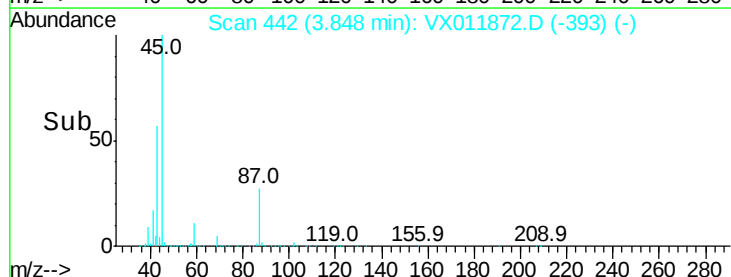
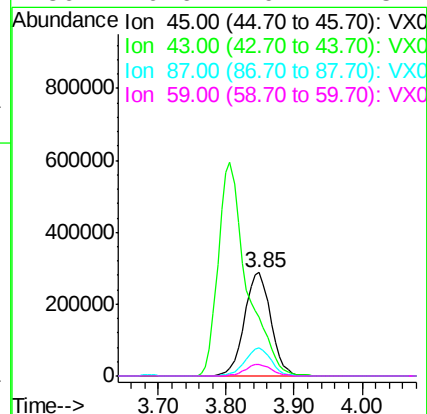
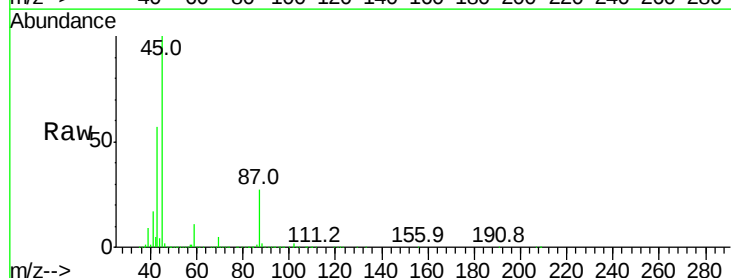
Ion Ratio Lower Upper

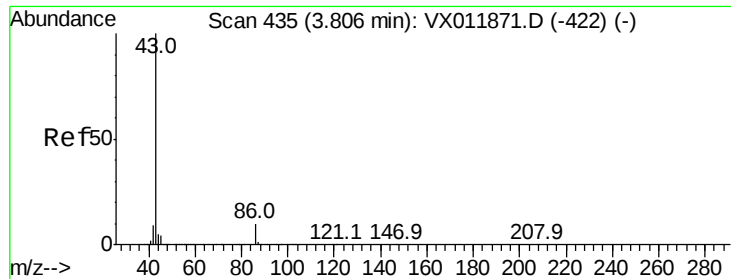
45 100

43 56.7 44.7 67.1

87 27.1 21.5 32.3

59 10.6 9.1 13.7

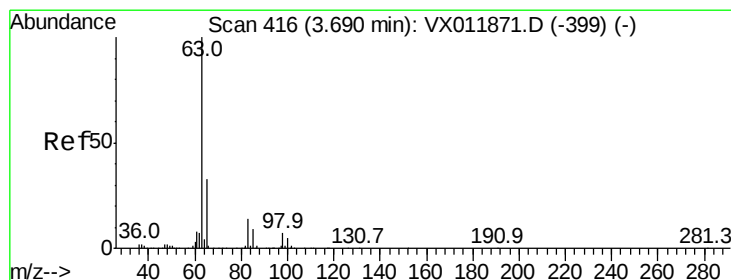
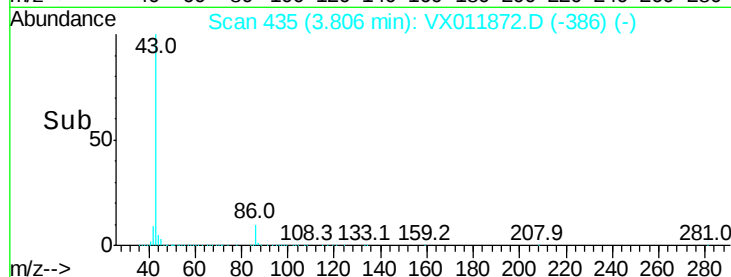
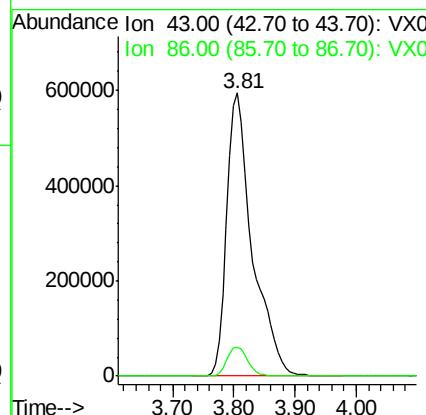
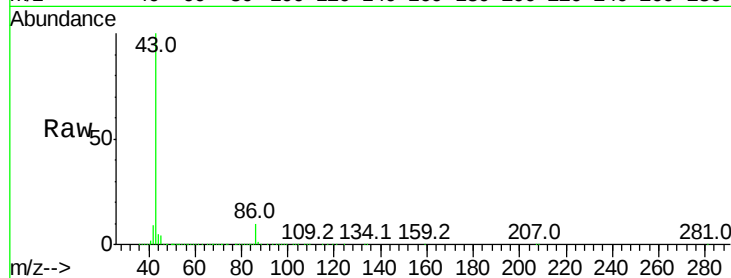




#23
 Vinyl Acetate
 Concen: 241.662 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

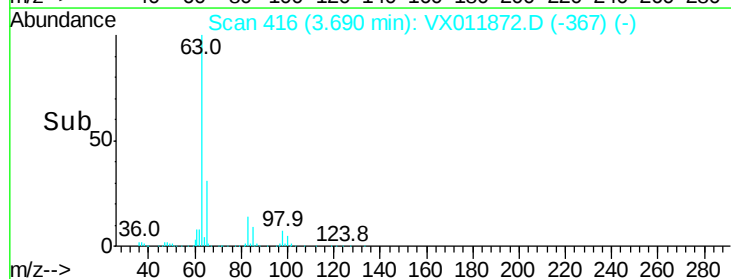
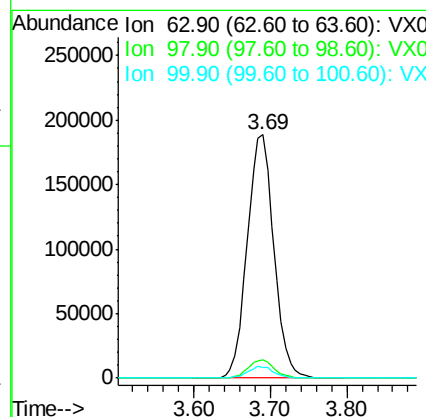
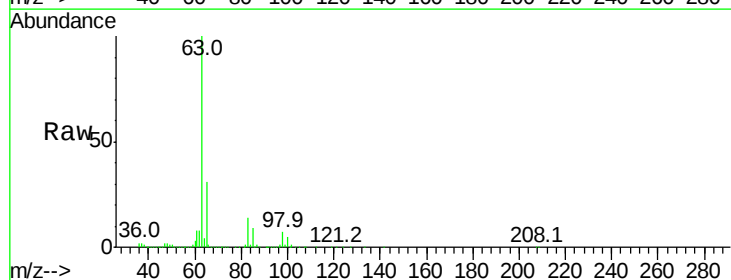
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

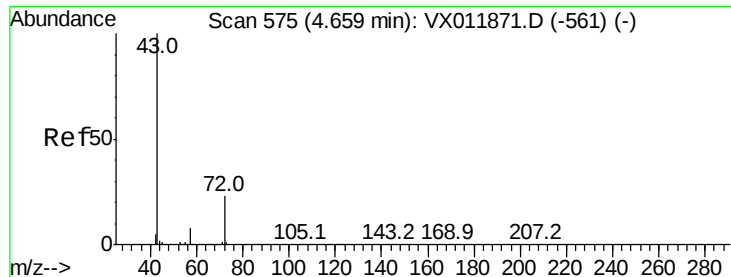
Tgt Ion: 43 Resp: 1727679
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 78.858 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Tgt Ion: 63 Resp: 455860
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.6 2.5 7.6





#25

2-Butanone

Concen: 214.681 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

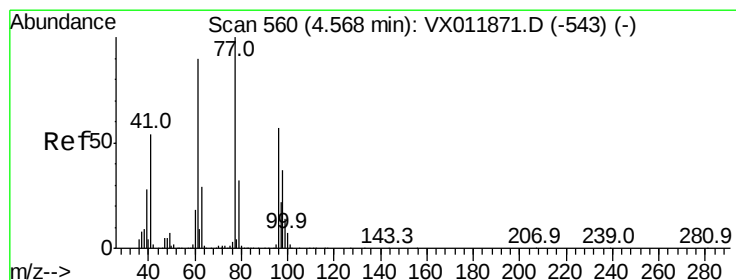
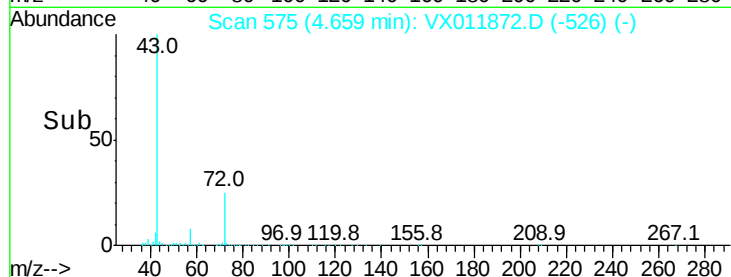
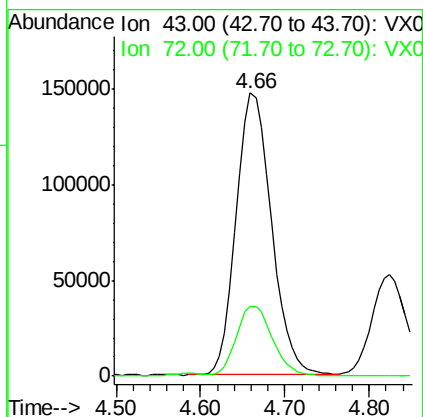
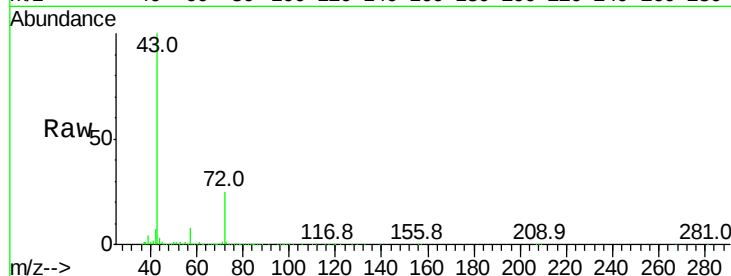
VSTDIC100

Tgt Ion: 43 Resp: 418985

Ion Ratio Lower Upper

43 100

72 24.6 18.9 28.3



#26

2,2-Dichloropropane

Concen: 78.337 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.01 min

Lab File: VX011872.D

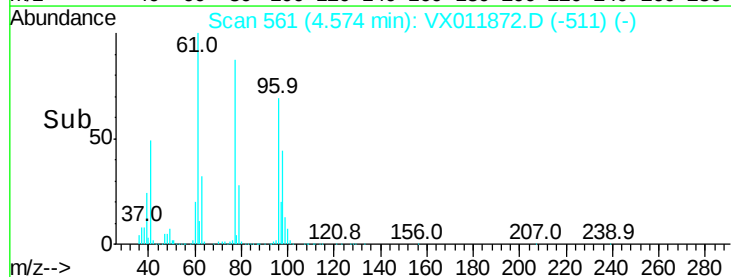
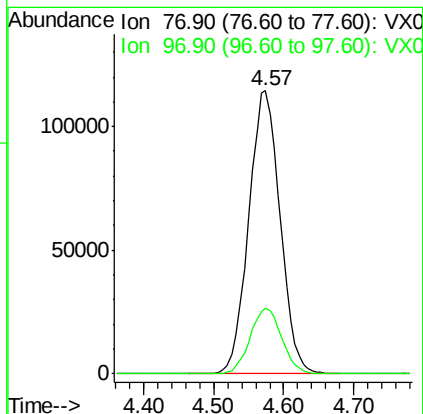
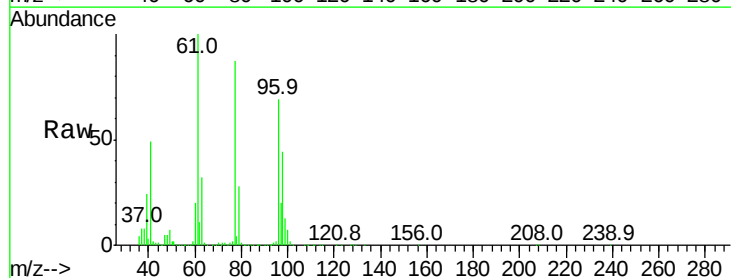
Acq: 28 Aug 2019 12:27

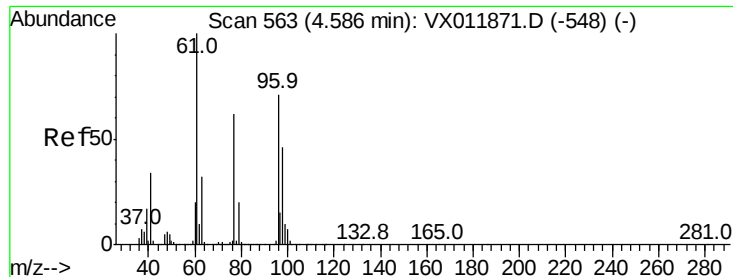
Tgt Ion: 77 Resp: 356657

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7



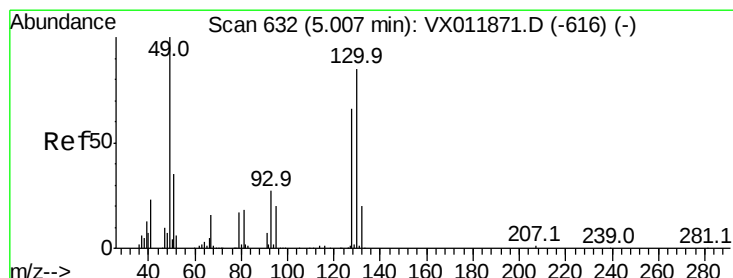
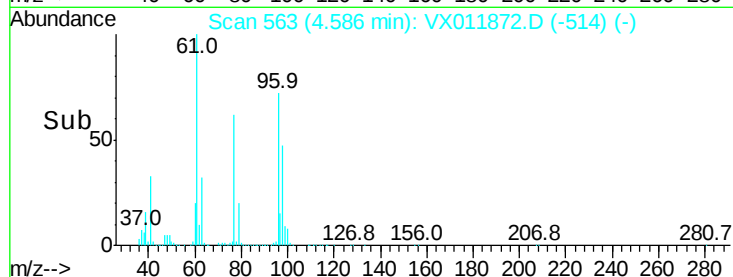
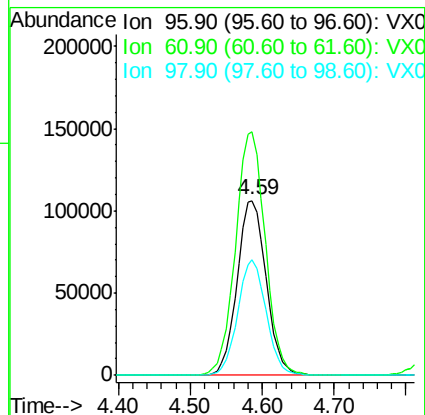
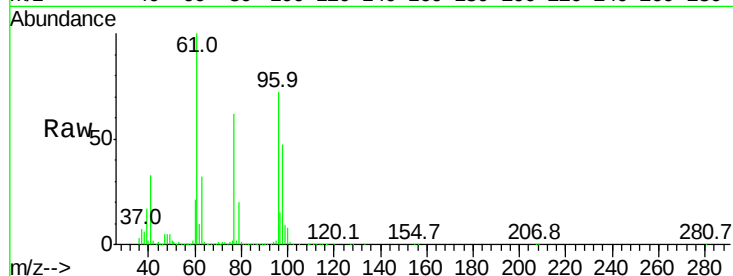


#27

cis-1,2-Dichloroethene
Concen: 81.297 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

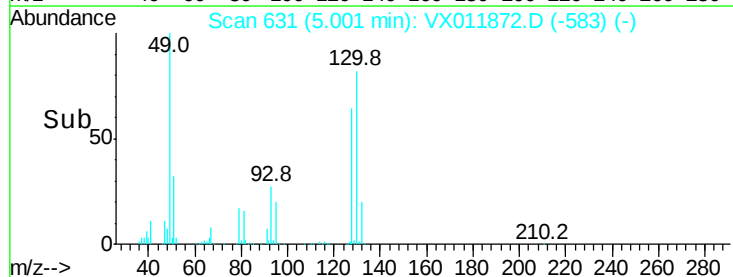
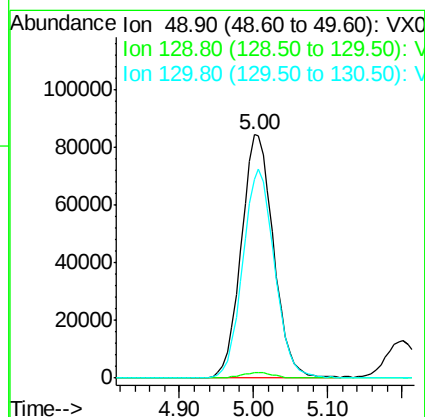
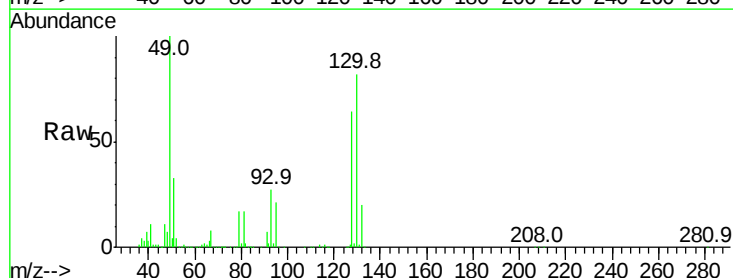
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	288.8
98	64.9	0.0	129.6

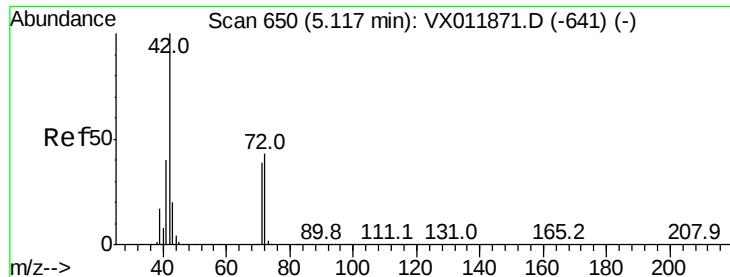


#28

Bromochloromethane
Concen: 98.752 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	85.0	67.3	100.9





#29

Tetrahydrofuran

Concen: 197.418 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

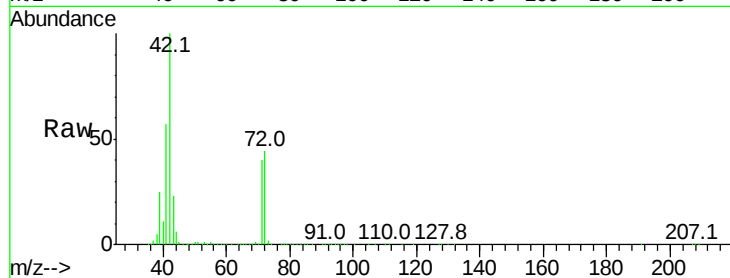
Tgt Ion: 42 Resp: 245540

Ion Ratio Lower Upper

42 100

72 44.2 35.4 53.2

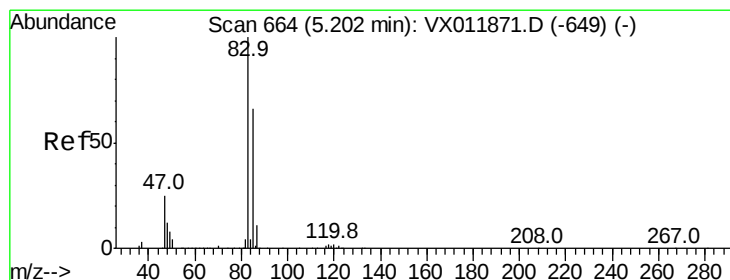
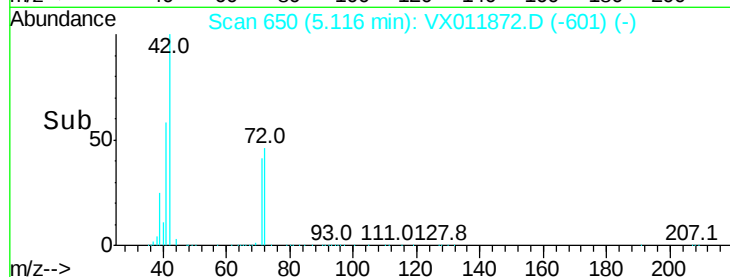
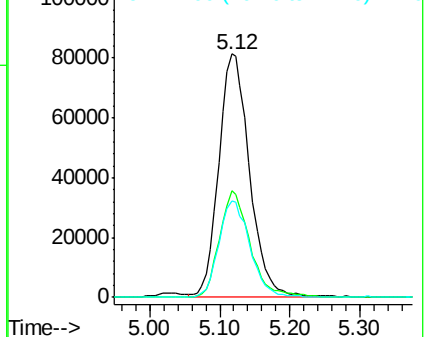
71 40.2 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 82.315 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011872.D

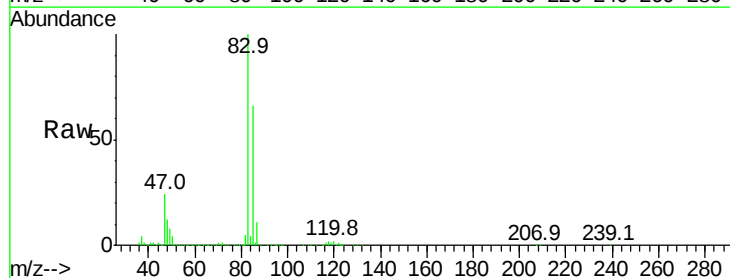
Acq: 28 Aug 2019 12:27

Tgt Ion: 83 Resp: 468887

Ion Ratio Lower Upper

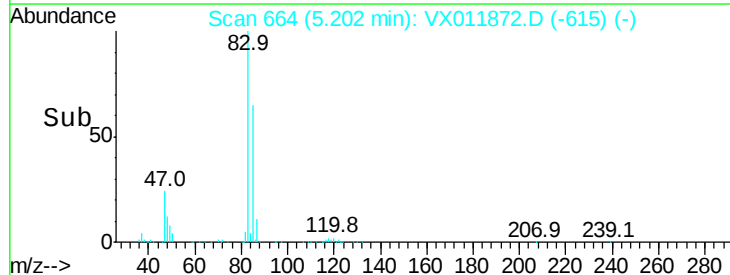
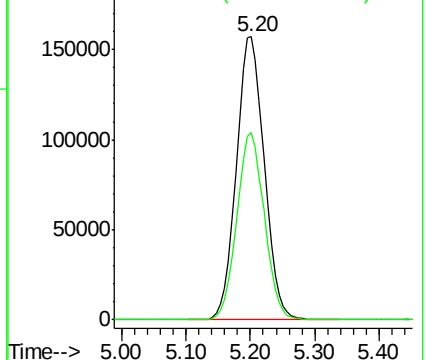
83 100

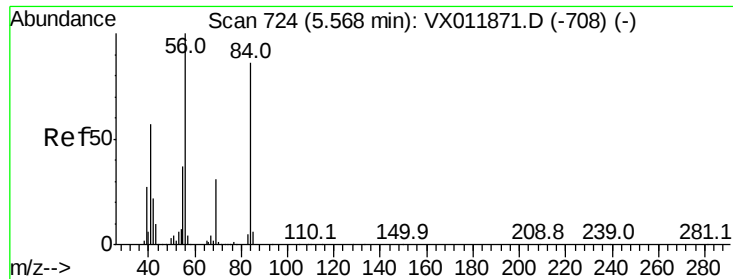
85 66.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

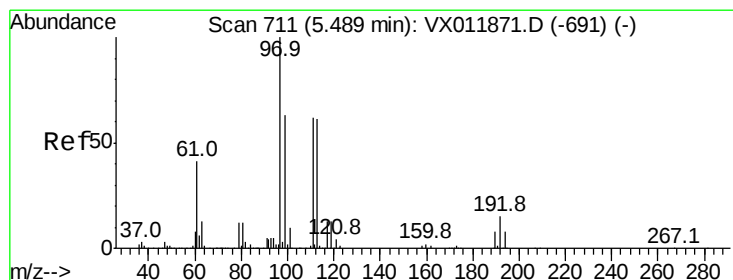
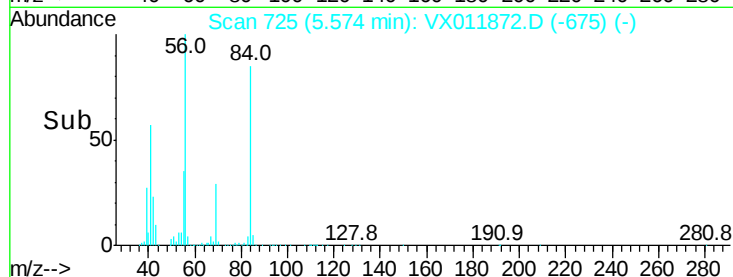
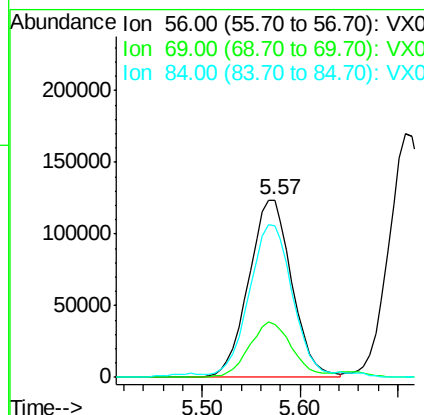
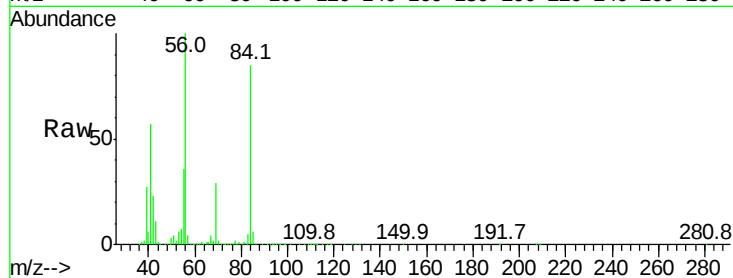




#31
Cyclohexane
Concen: 68.054 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

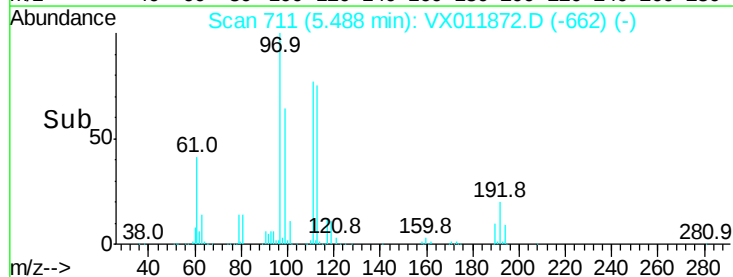
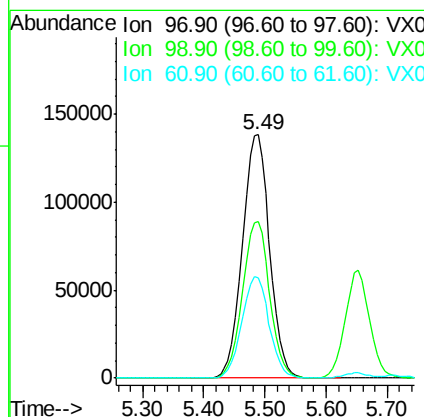
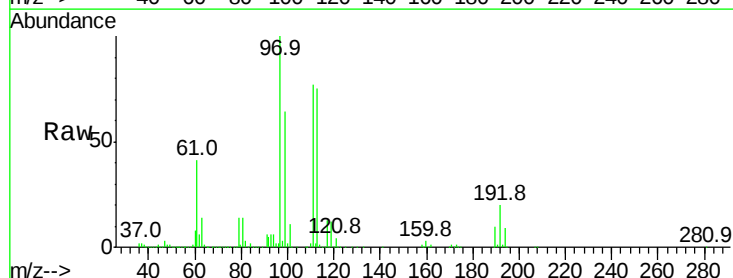
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

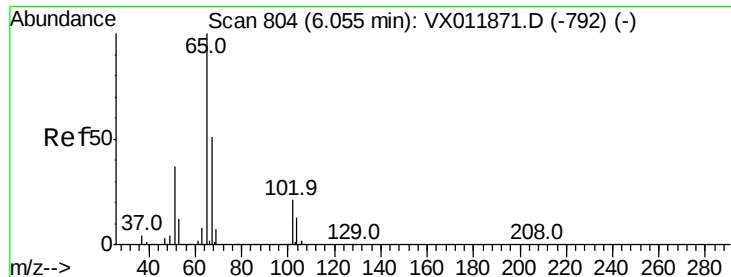
Tgt Ion: 56 Resp: 380011
Ion Ratio Lower Upper
56 100
69 29.3 25.0 37.4
84 83.0 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 86.725 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion: 97 Resp: 424583
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 42.0 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 87.721 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

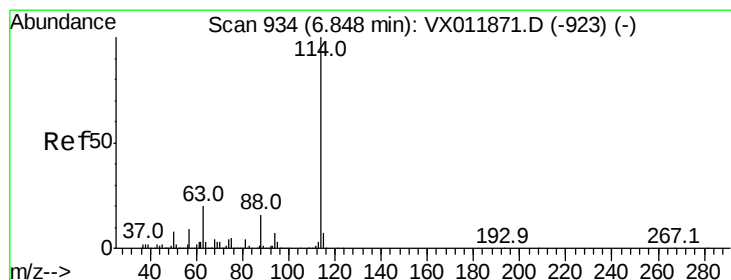
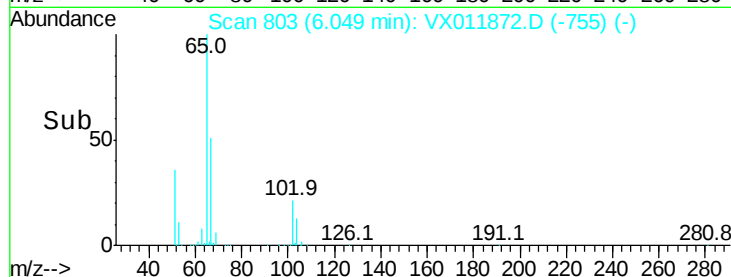
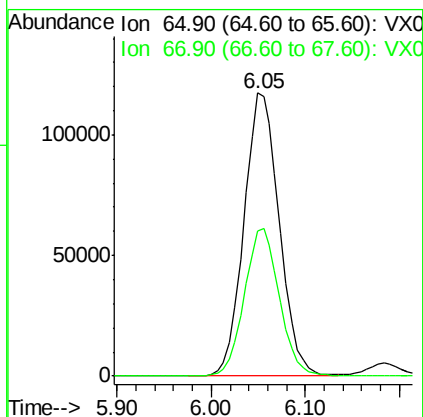
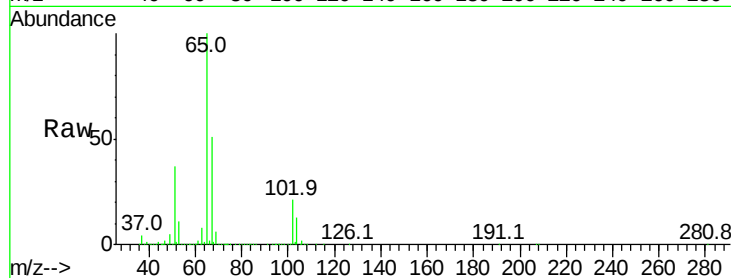
VSTDIC100

Tgt Ion: 65 Resp: 307458

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.01 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

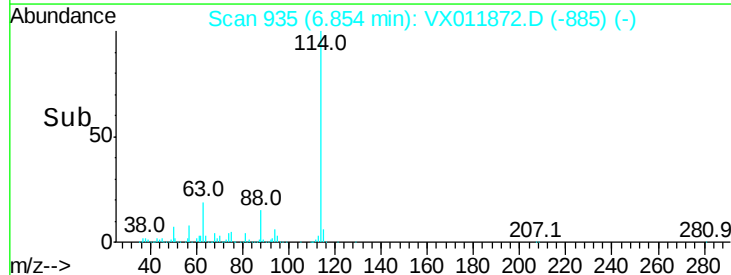
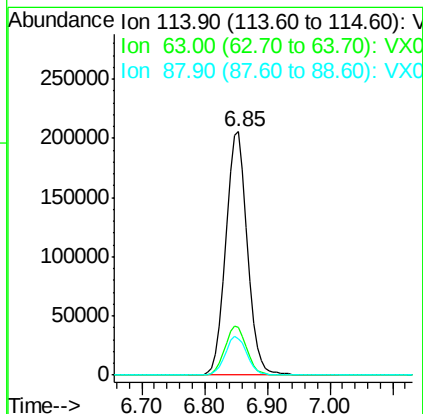
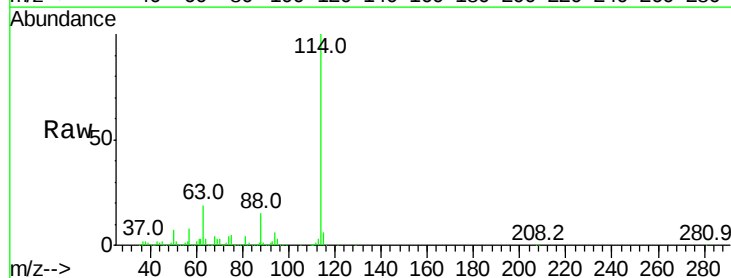
Tgt Ion: 114 Resp: 488756

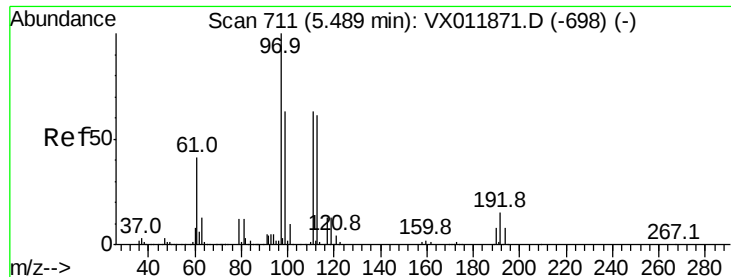
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 15.1 0.0 31.6

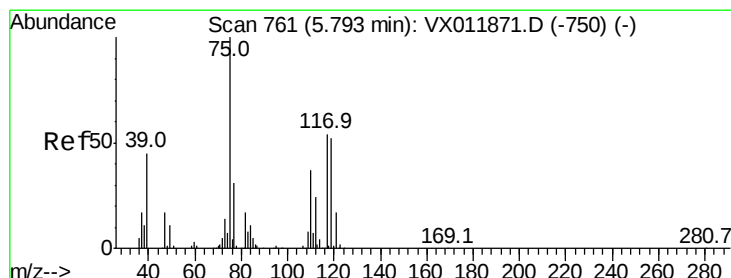
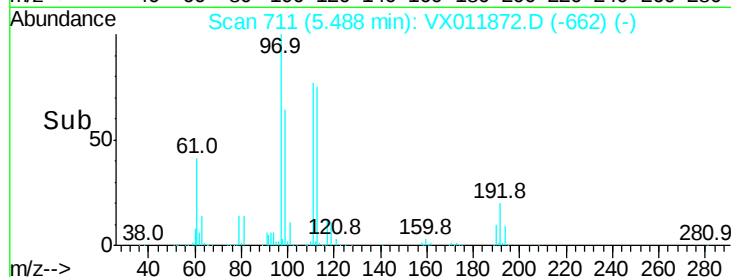
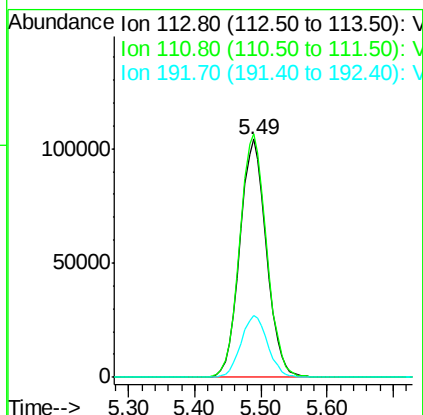
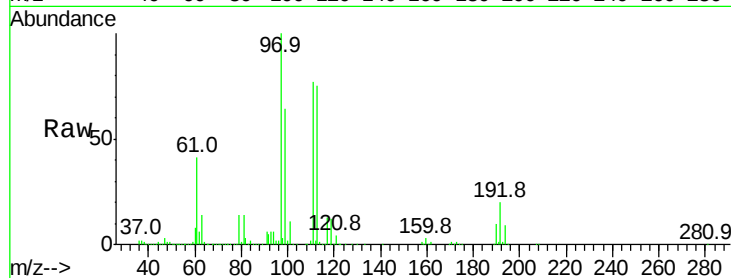




#35
 Dibromofluoromethane
 Concen: 101.075 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

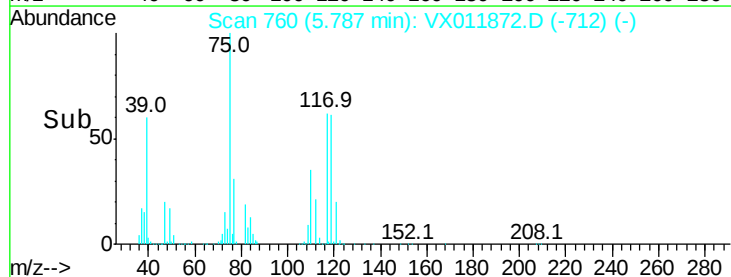
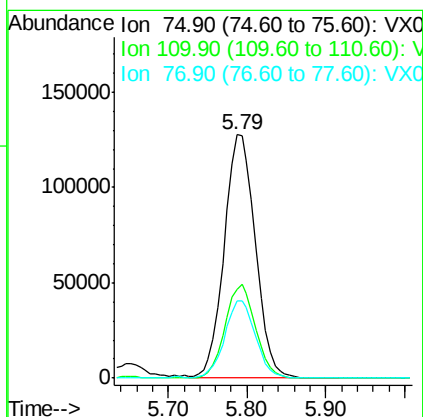
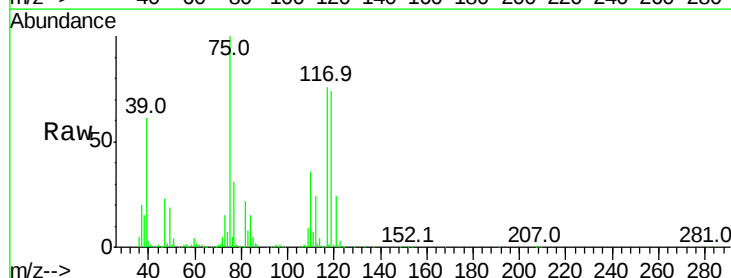
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

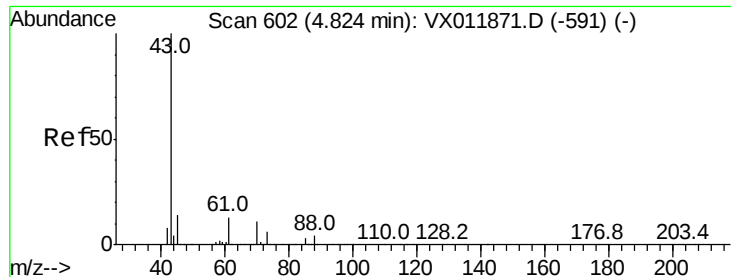
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	290886		
111	103.1		80.9	121.3
192	26.1		20.6	30.8



#36
 1,1-Dichloropropene
 Concen: 76.239 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	348958		
110	37.7		18.5	55.5
77	31.3		24.7	37.1

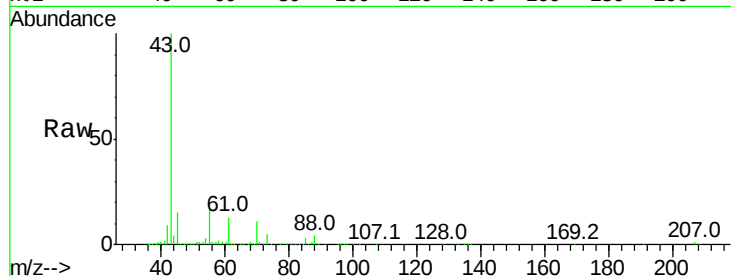




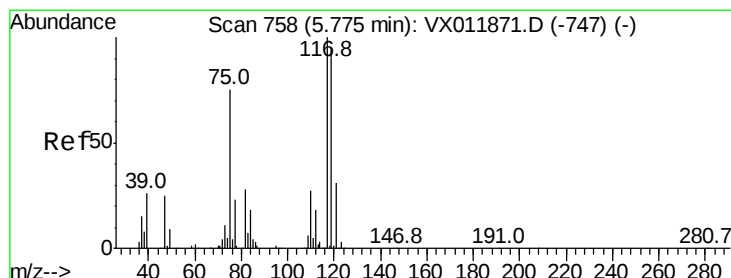
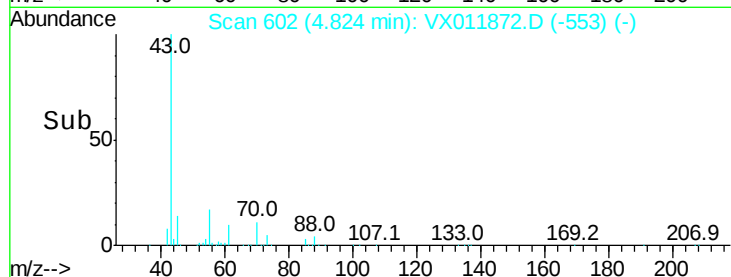
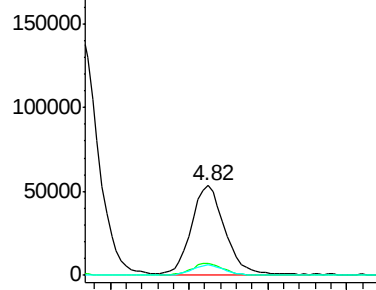
#37
Ethyl Acetate
Concen: 44.053 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 154890
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 10.9 8.9 13.3

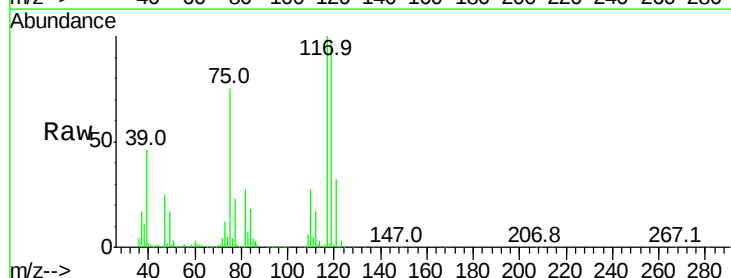


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

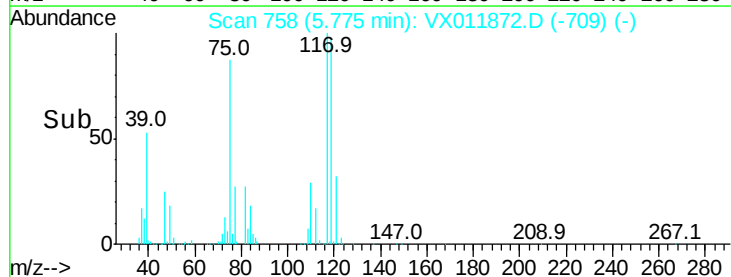
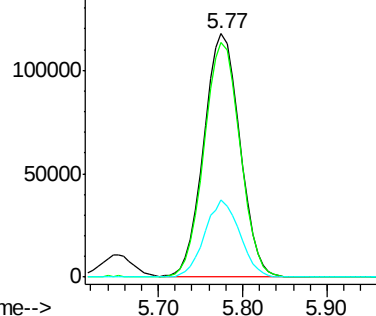


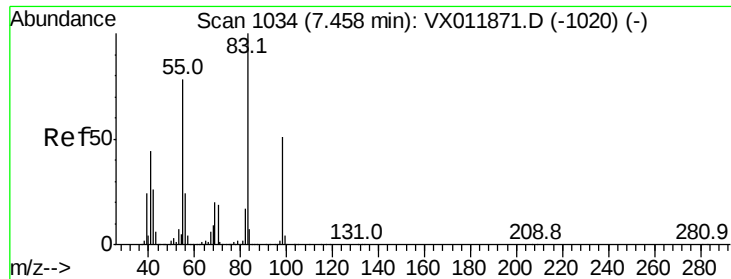
#38
Carbon Tetrachloride
Concen: 80.512 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion: 117 Resp: 340865
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5
121 31.5 25.1 37.7



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

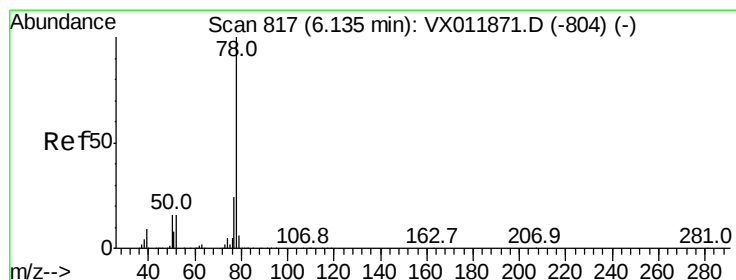
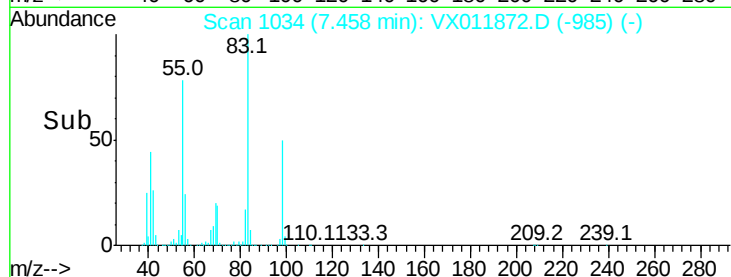
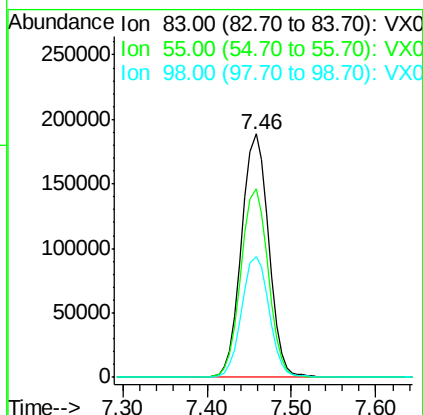
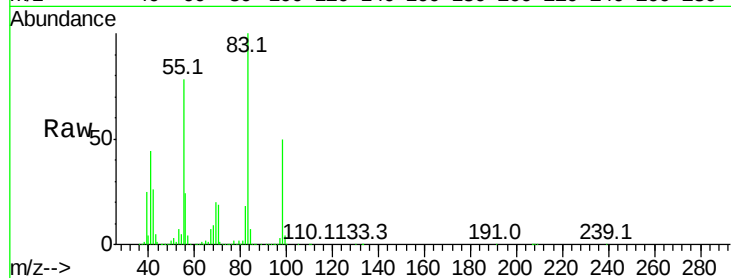




#39
Methylcyclohexane
Concen: 73.028 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

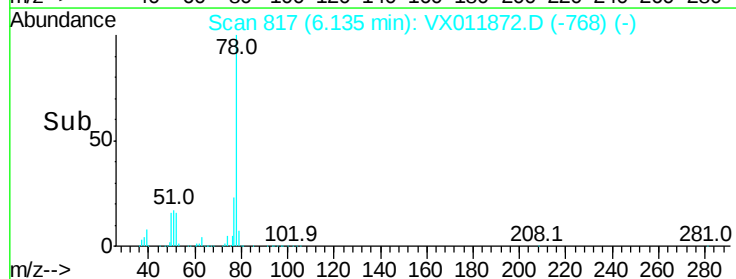
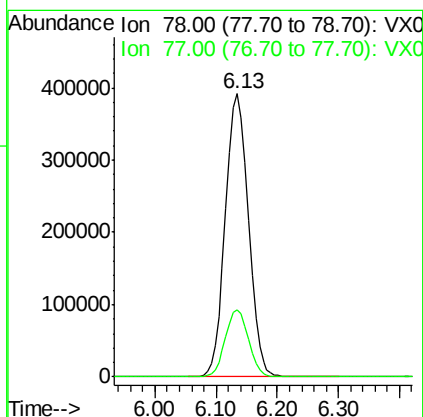
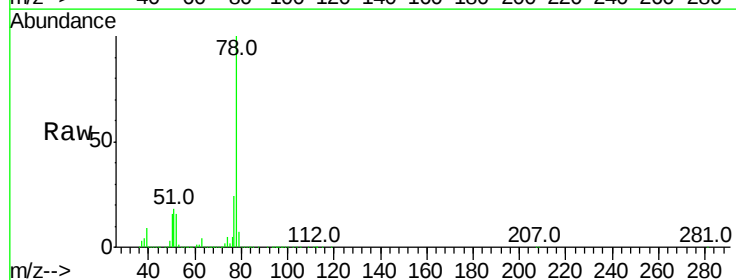
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

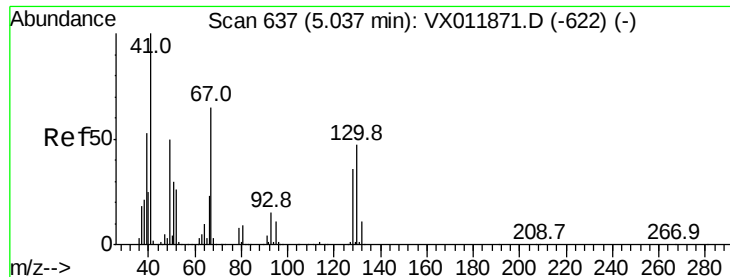
Tgt Ion: 83 Resp: 410387
Ion Ratio Lower Upper
83 100
55 77.4 62.1 93.1
98 49.7 40.6 61.0



#40
Benzene
Concen: 78.033 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion: 78 Resp: 1023533
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 51.954 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 102964

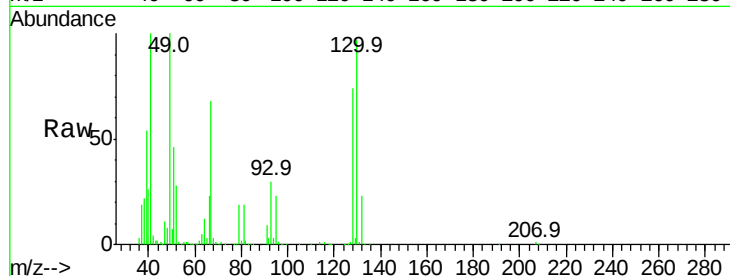
Ion Ratio Lower Upper

41 100

39 55.6 44.5 66.7

67 69.3 55.0 82.4

52 30.0 23.3 34.9

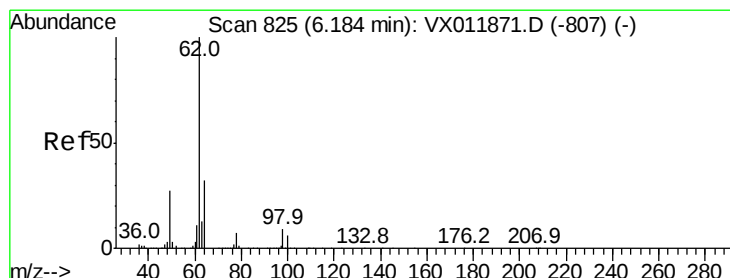
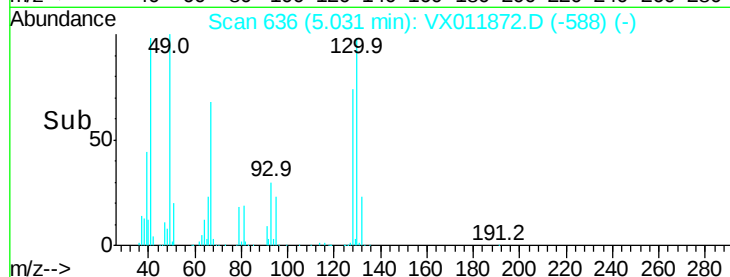
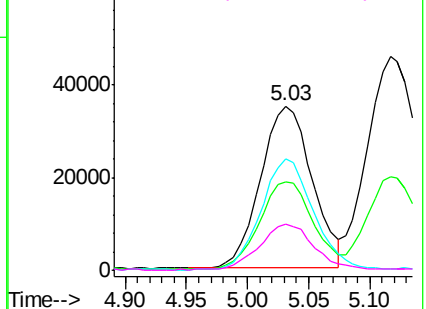


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 82.832 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011872.D

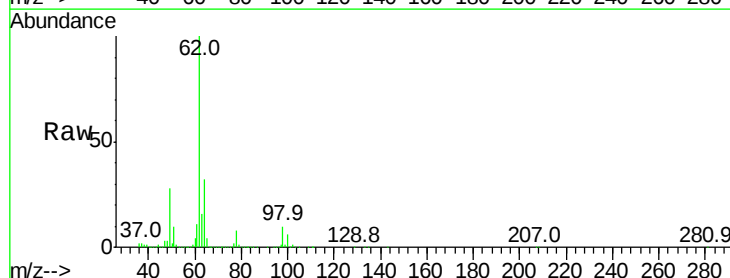
Acq: 28 Aug 2019 12:27

Tgt Ion: 62 Resp: 328155

Ion Ratio Lower Upper

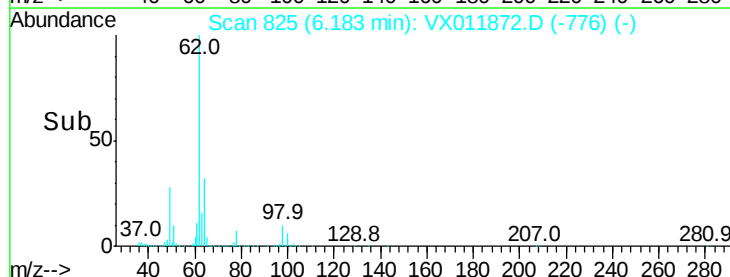
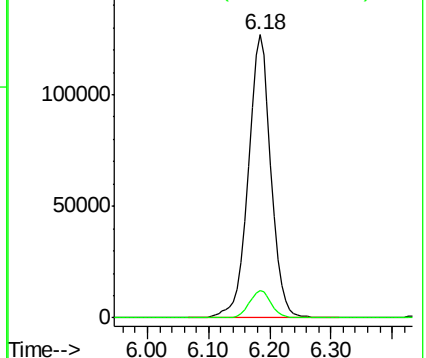
62 100

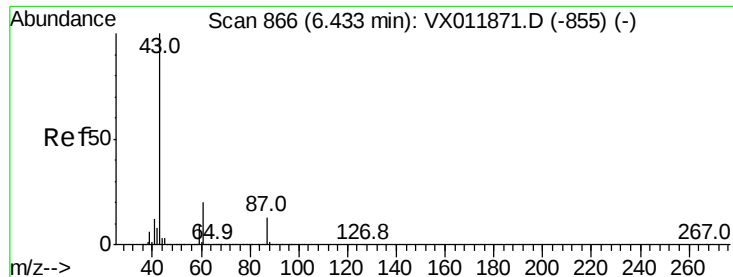
98 9.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.765 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

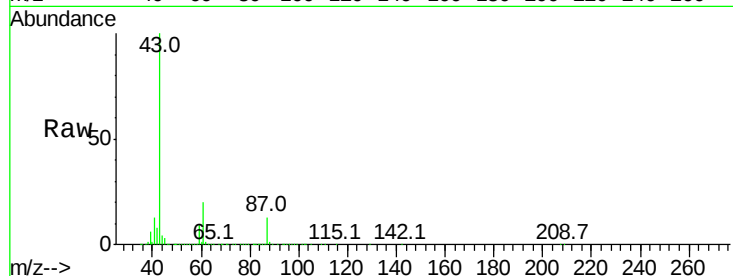
Tgt Ion: 43 Resp: 301197

Ion Ratio Lower Upper

43 100

61 19.7 15.6 23.4

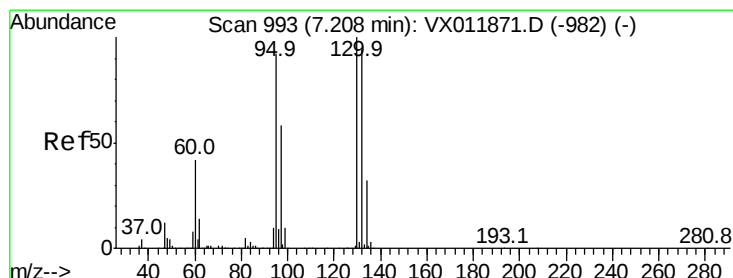
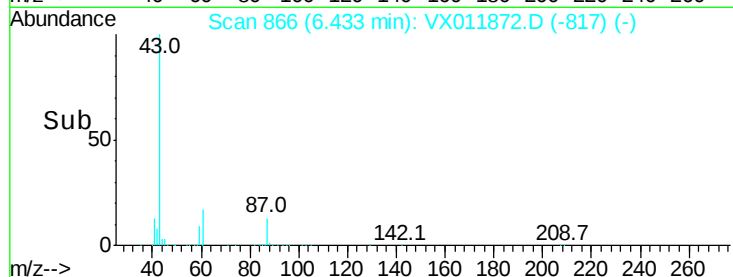
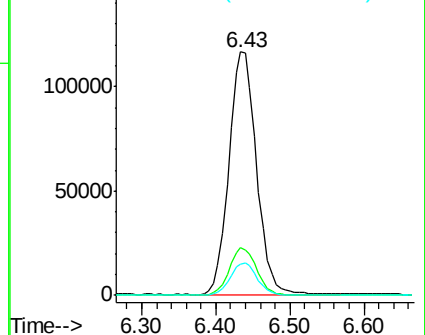
87 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 91.176 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011872.D

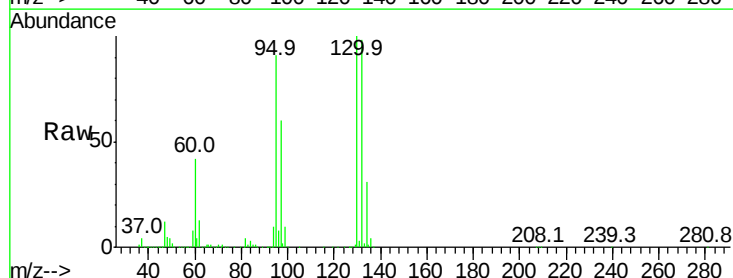
Acq: 28 Aug 2019 12:27

Tgt Ion: 130 Resp: 341158

Ion Ratio Lower Upper

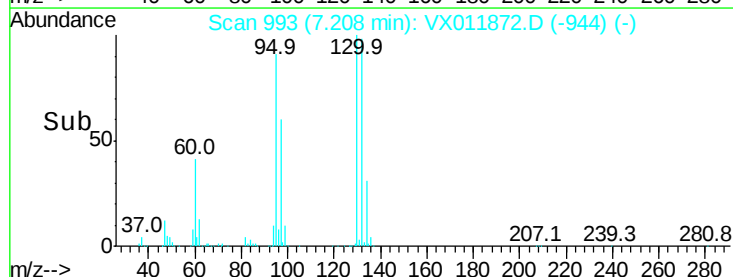
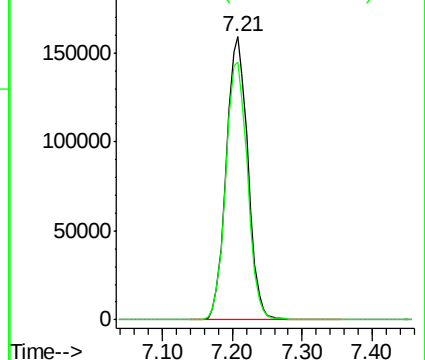
130 100

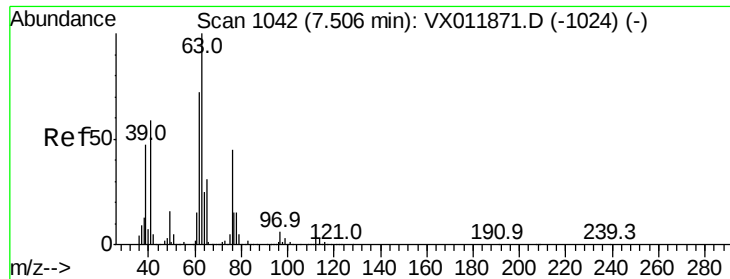
95 91.1 0.0 184.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 79.655 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

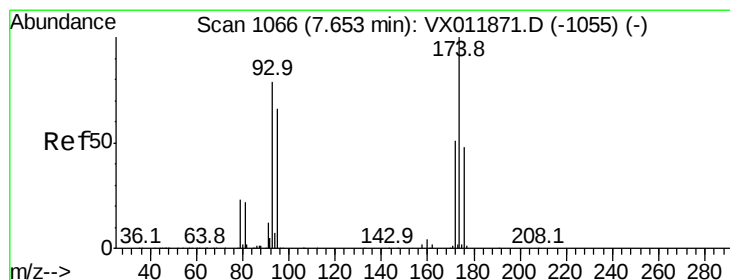
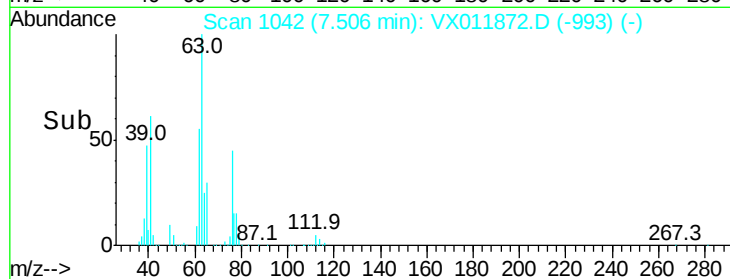
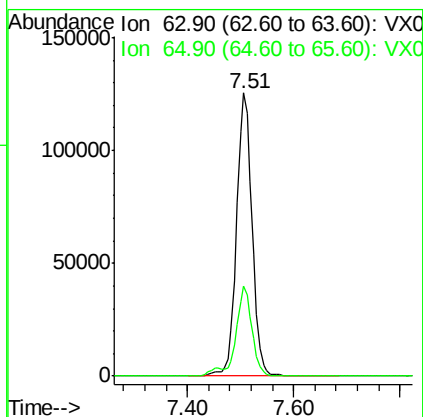
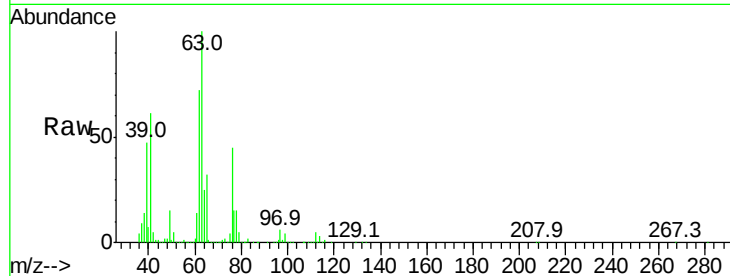
VSTDIC100

Tgt Ion: 63 Resp: 256938

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 80.223 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

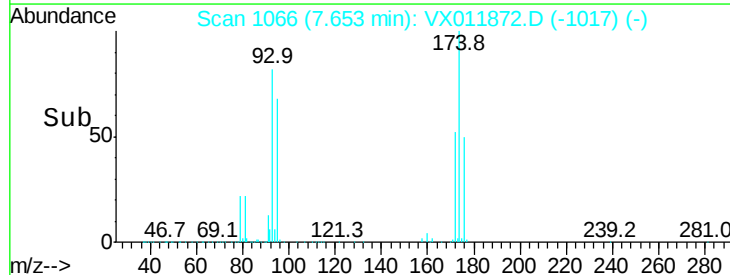
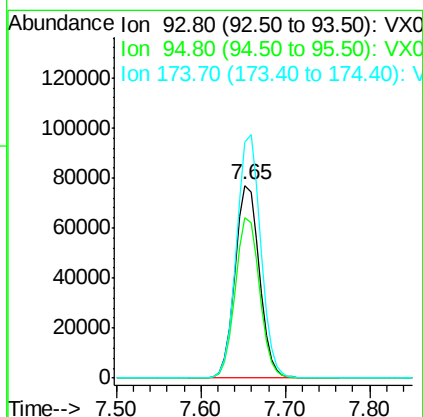
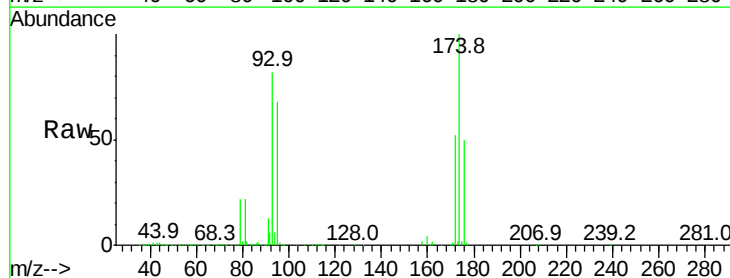
Tgt Ion: 93 Resp: 149120

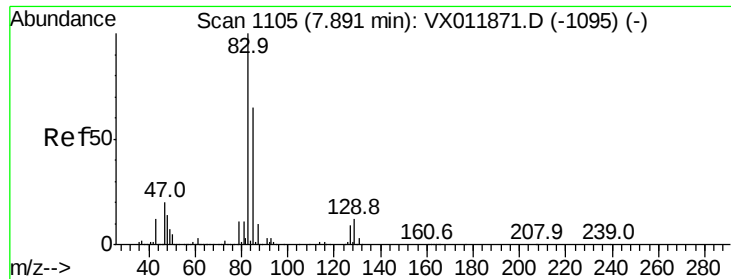
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 124.9 100.2 150.4





#47

Bromodichloromethane

Concen: 97.088 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

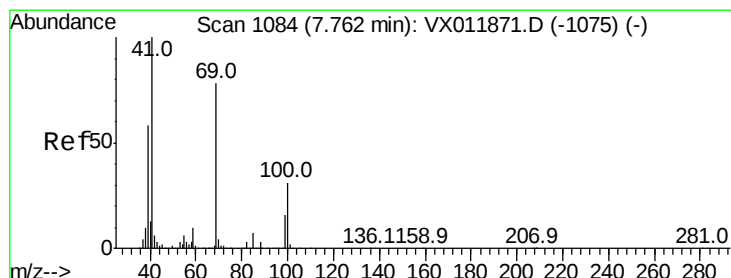
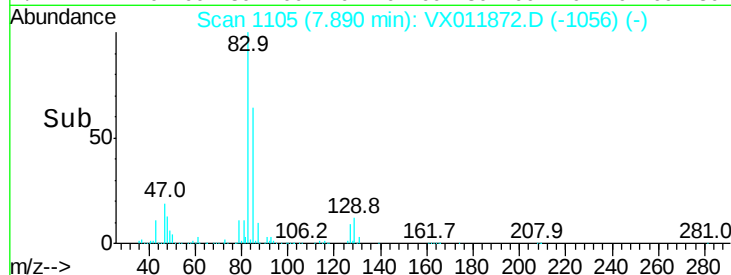
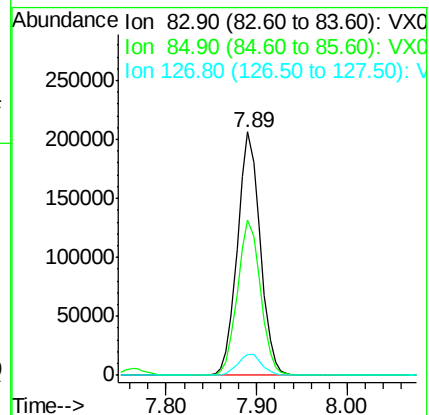
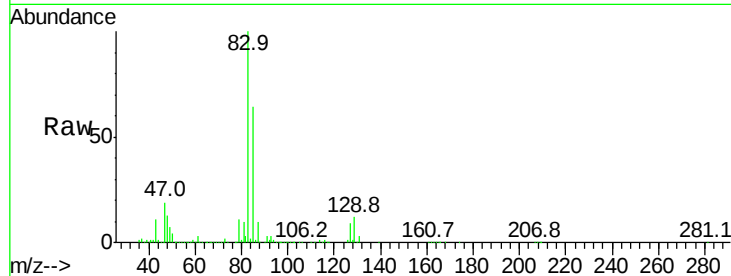
Tgt Ion: 83 Resp: 359638

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8

127 8.8 7.4 11.2



#48

Methyl methacrylate

Concen: 53.519 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

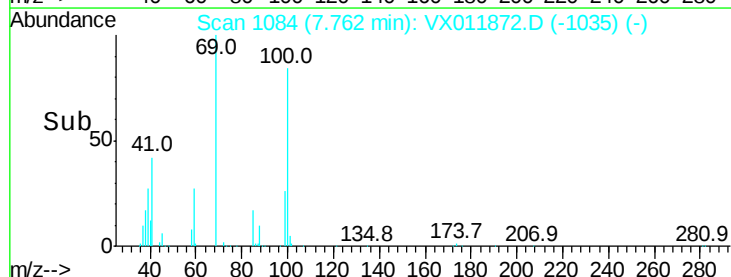
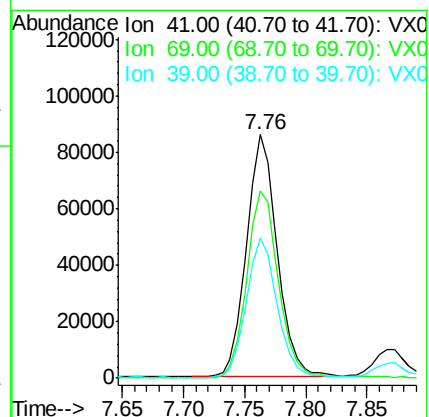
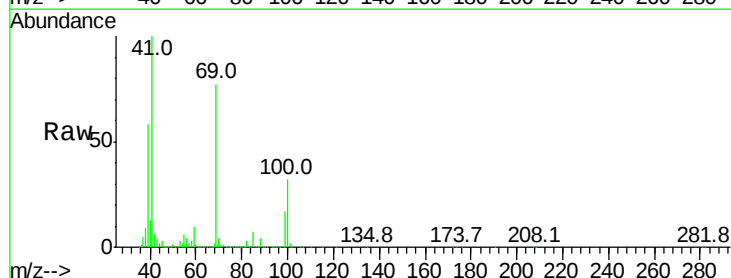
Tgt Ion: 41 Resp: 150389

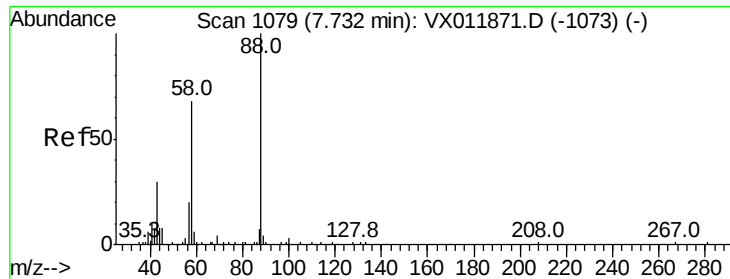
Ion Ratio Lower Upper

41 100

69 79.3 63.0 94.4

39 57.7 46.1 69.1

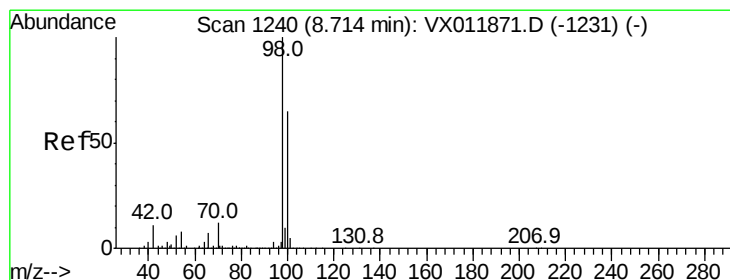
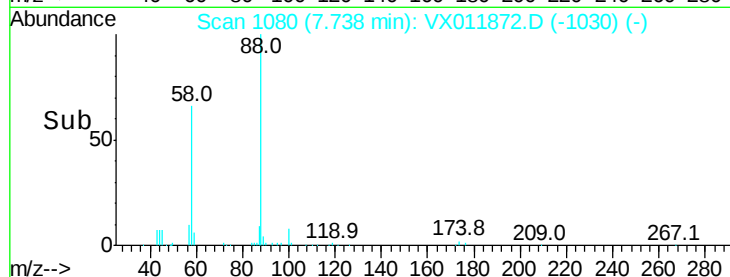
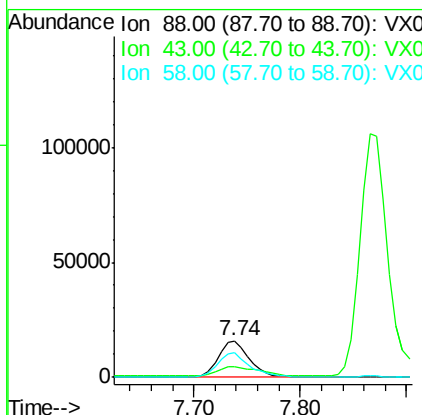
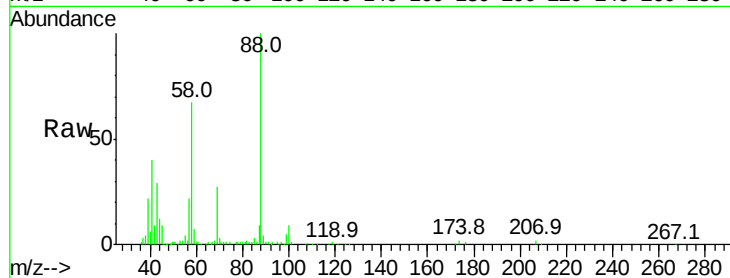




#49
 1,4-Dioxane
 Concen: 572.105 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

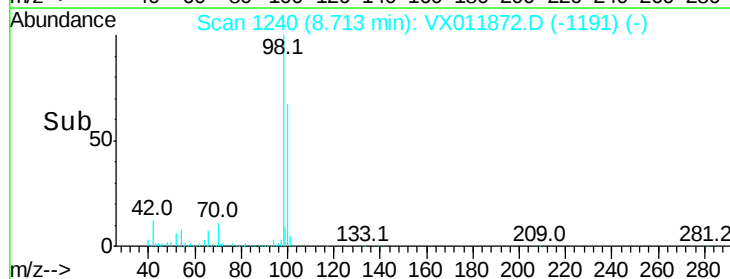
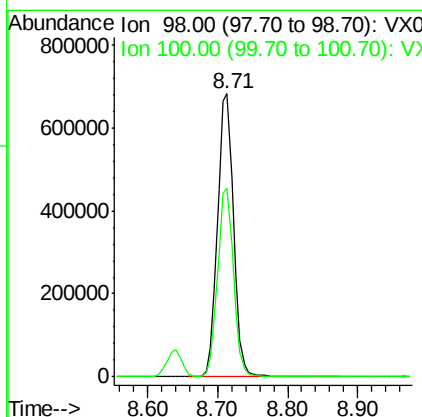
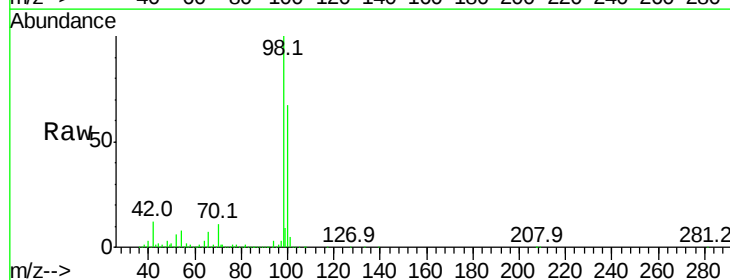
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

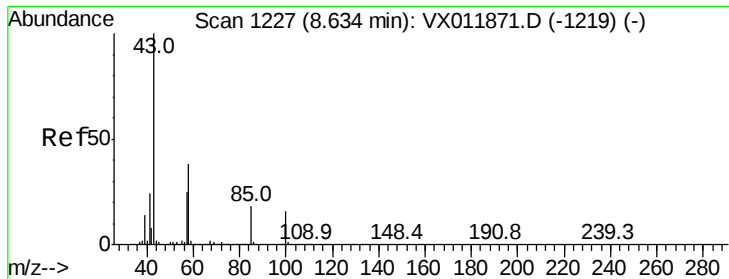
Tgt Ion: 88 Resp: 32447
 Ion Ratio Lower Upper
 88 100
 43 37.2 33.2 49.8
 58 67.9 58.2 87.4



#50
 Toluene-d8
 Concen: 90.719 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Tgt Ion: 98 Resp: 1088548
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 179.774 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

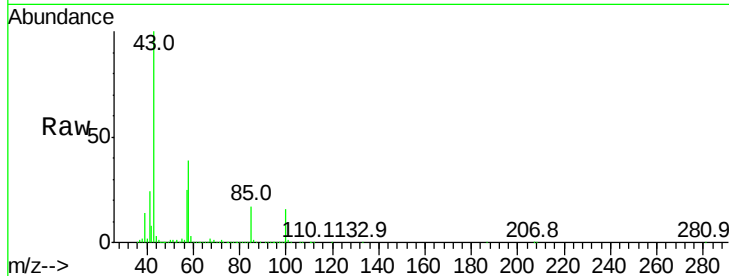
VSTDIC100

Tgt Ion: 43 Resp: 618930

Ion Ratio Lower Upper

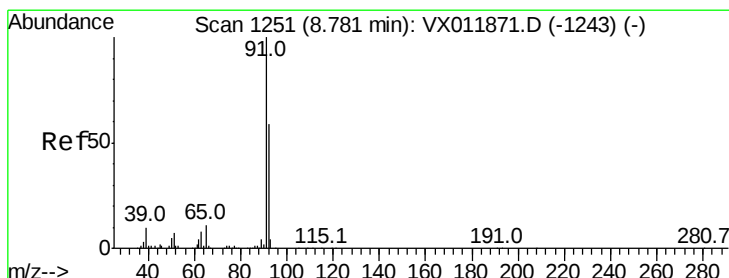
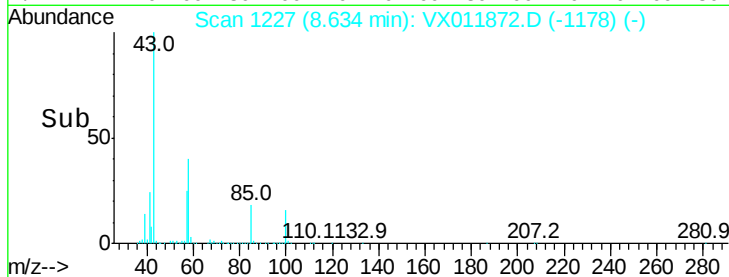
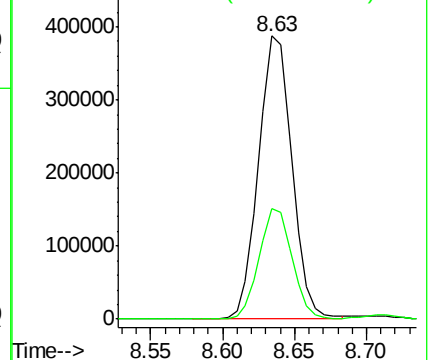
43 100

58 38.6 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 80.449 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011872.D

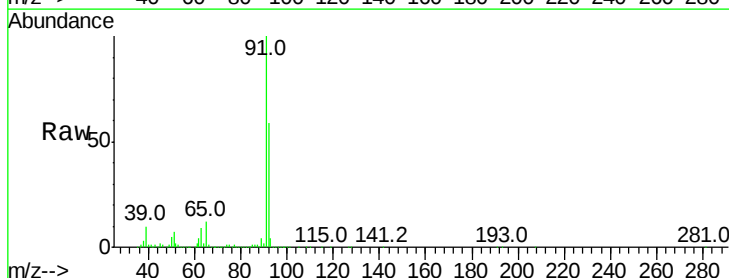
Acq: 28 Aug 2019 12:27

Tgt Ion: 92 Resp: 658235

Ion Ratio Lower Upper

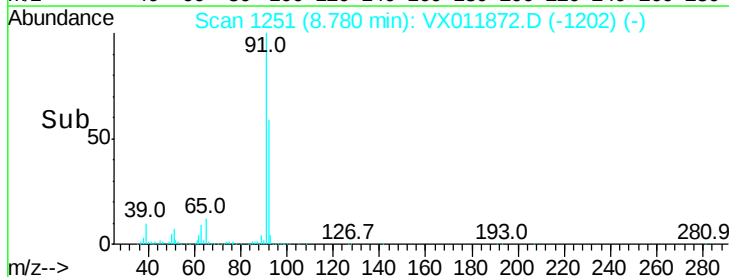
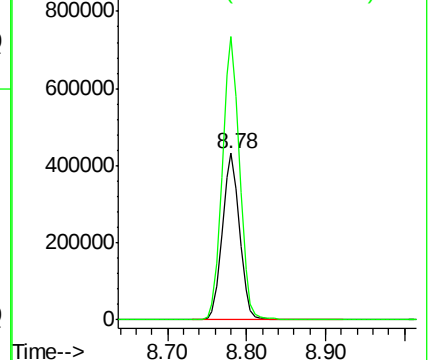
92 100

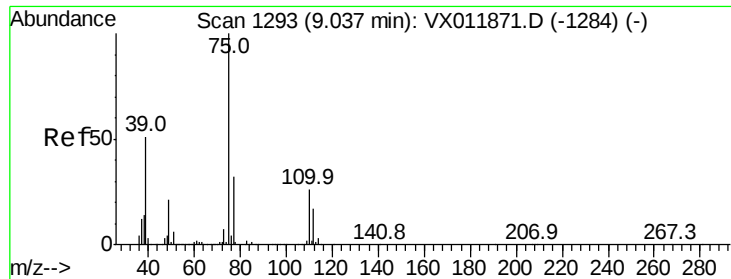
91 170.7 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 72.642 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

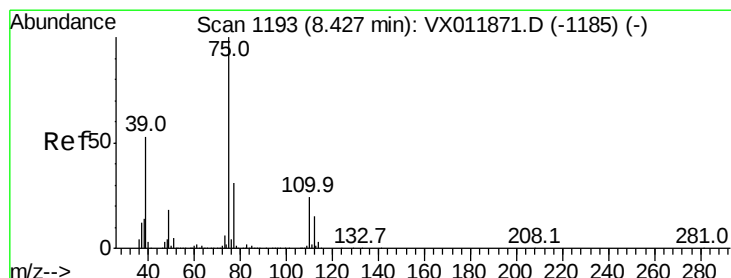
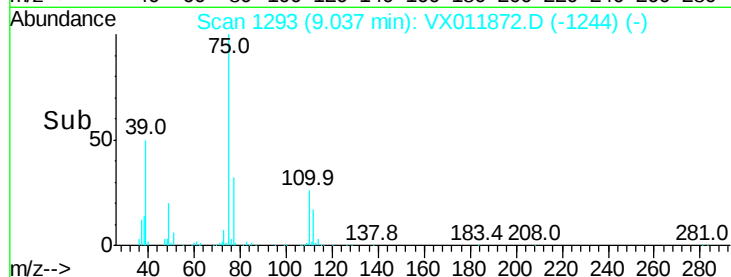
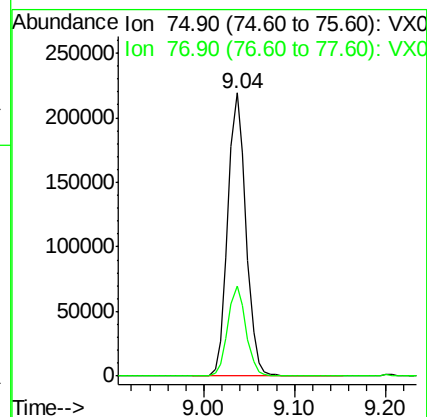
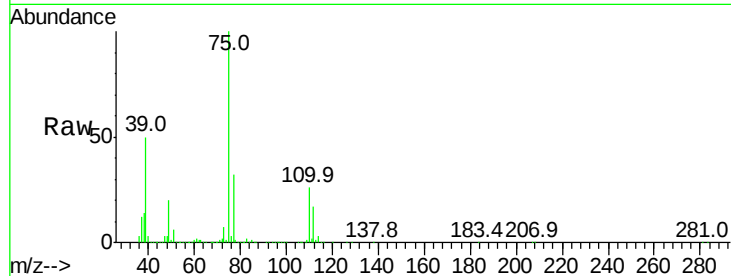
VSTDIC100

Tgt Ion: 75 Resp: 307329

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 82.249 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

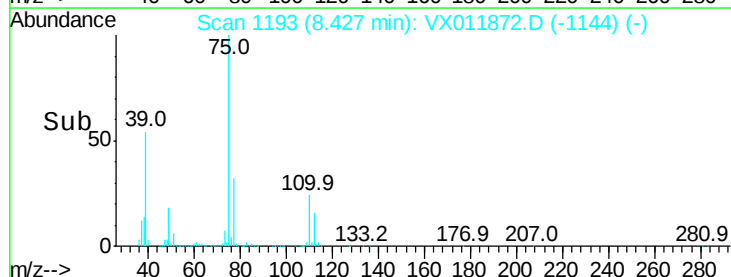
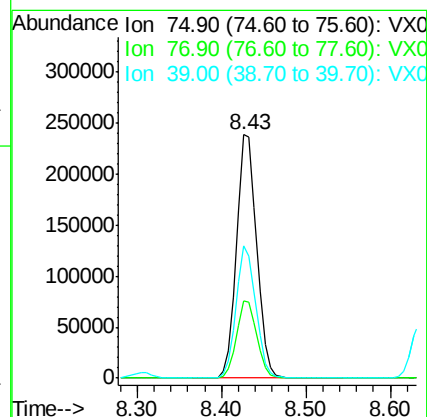
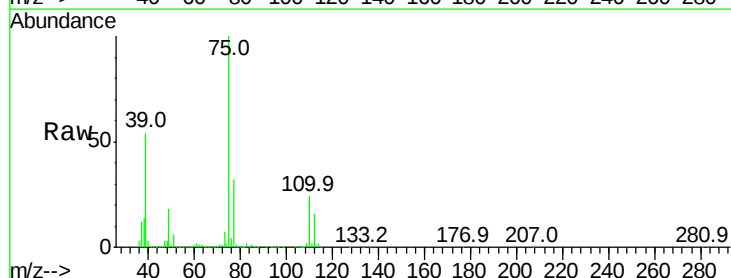
Tgt Ion: 75 Resp: 387871

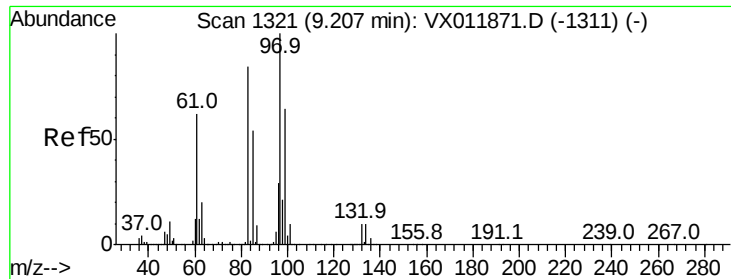
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 54.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 70.669 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 199001

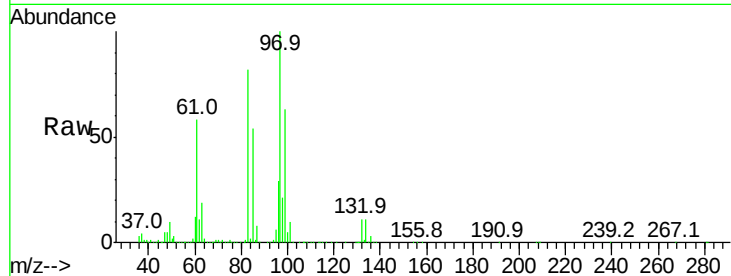
Ion Ratio Lower Upper

97 100

83 81.8 67.6 101.4

85 54.0 42.9 64.3

99 63.2 51.1 76.7

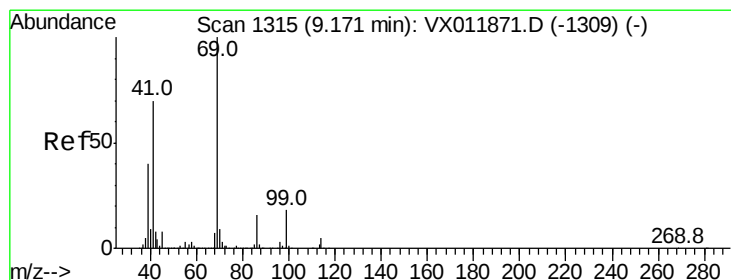
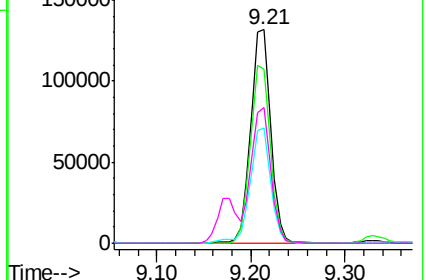
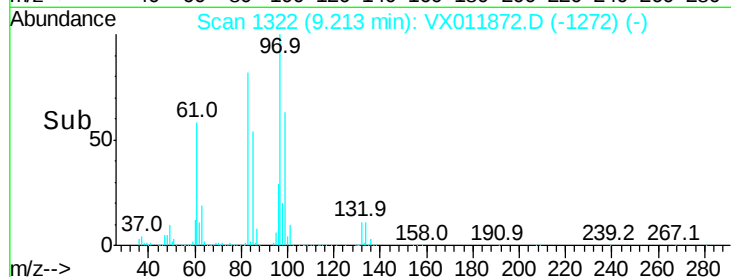


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.381 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

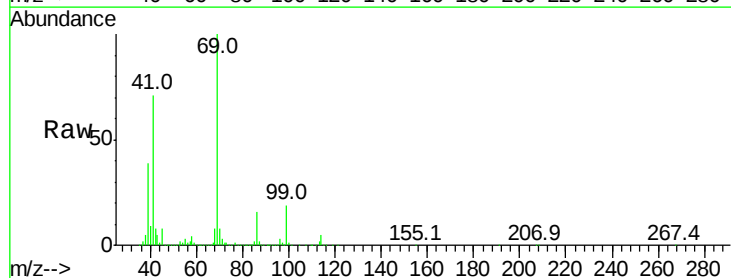
Tgt Ion: 69 Resp: 202612

Ion Ratio Lower Upper

69 100

41 69.7 55.9 83.9

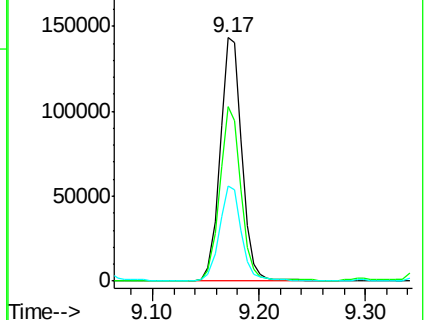
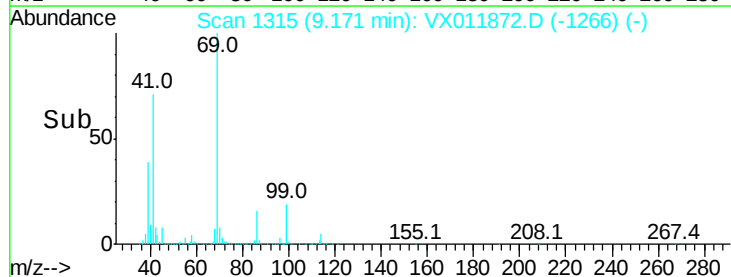
39 39.2 31.9 47.9

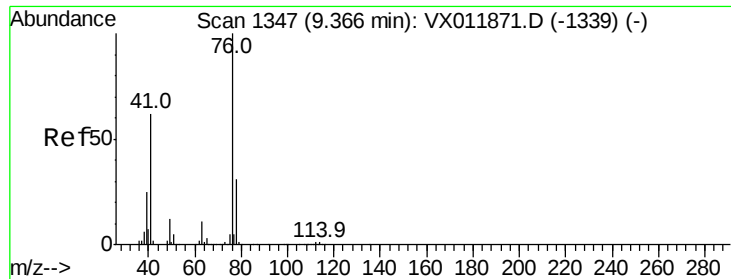


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 69.431 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

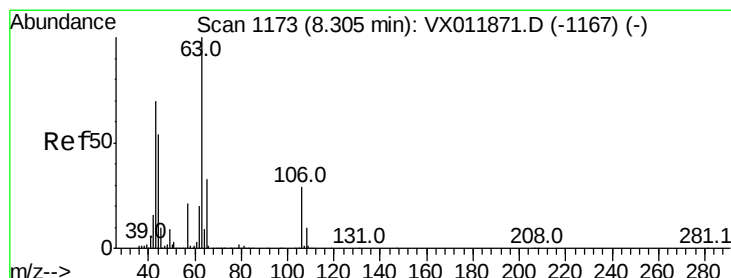
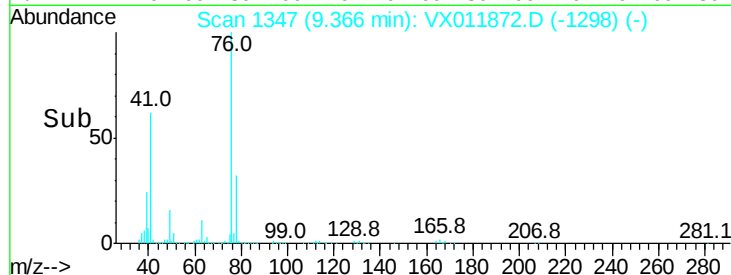
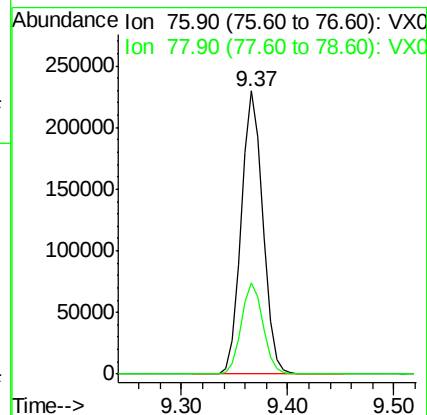
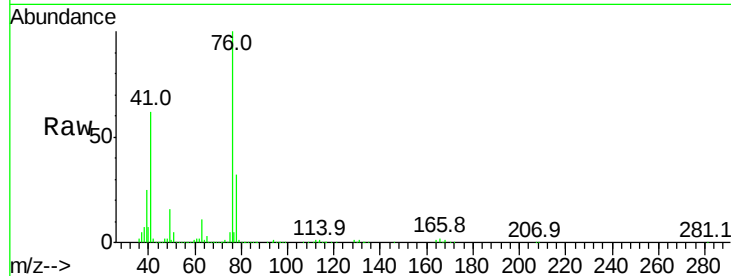
VSTDIC100

Tgt Ion: 76 Resp: 328201

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 193.047 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VX011872.D

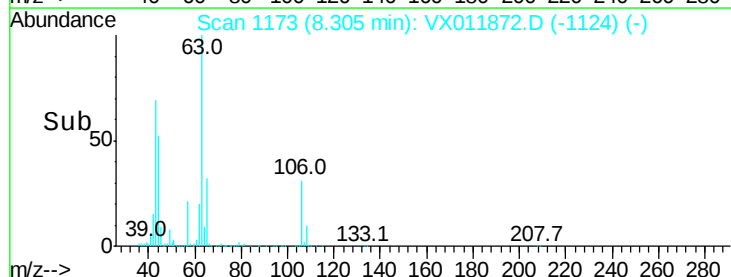
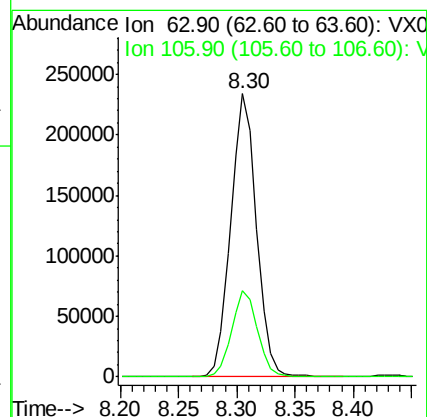
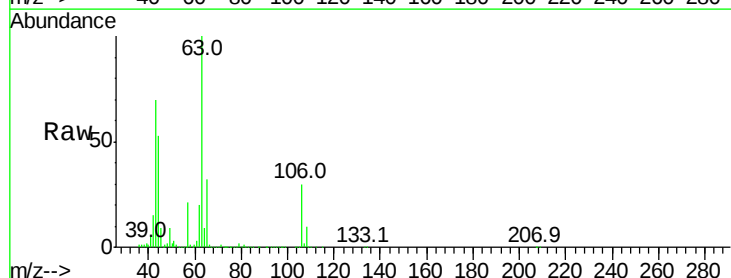
Acq: 28 Aug 2019 12:27

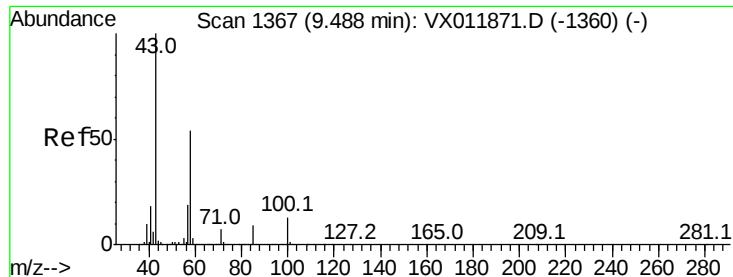
Tgt Ion: 63 Resp: 357220

Ion Ratio Lower Upper

63 100

106 30.9 24.6 36.8

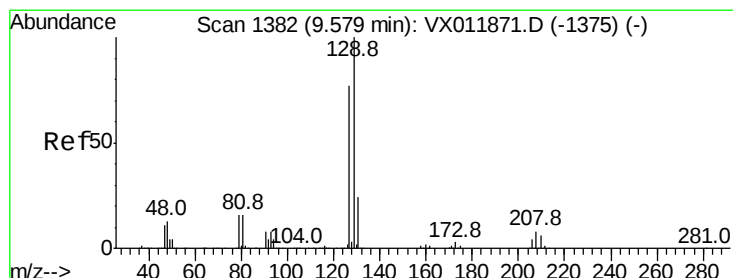
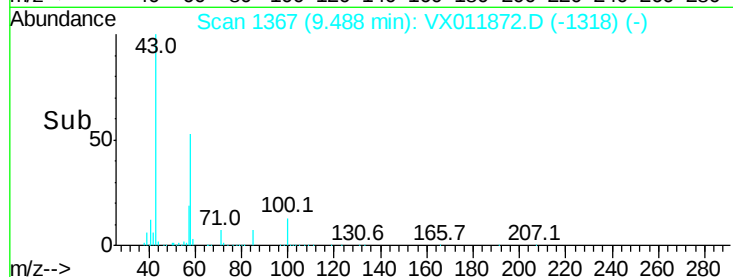
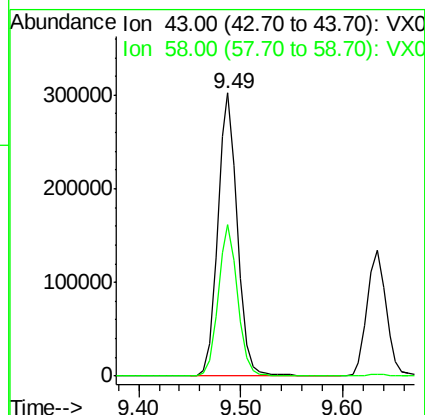
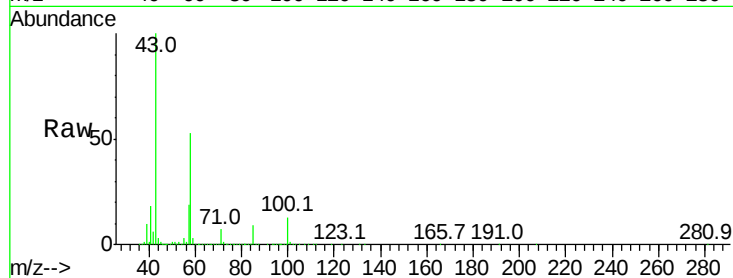




#59
2-Hexanone
Concen: 154.740 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

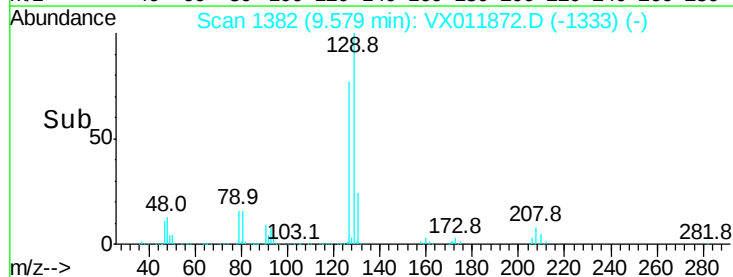
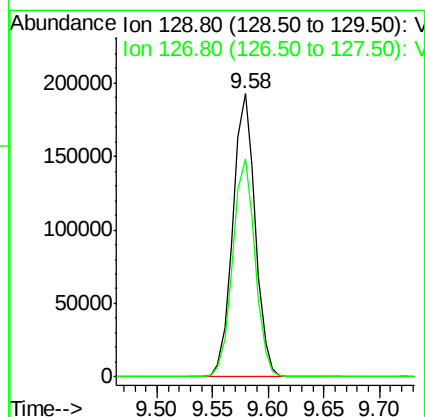
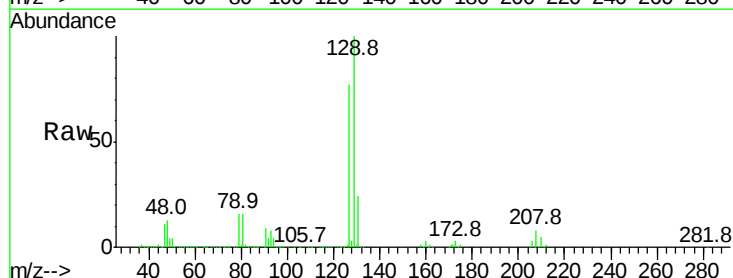
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

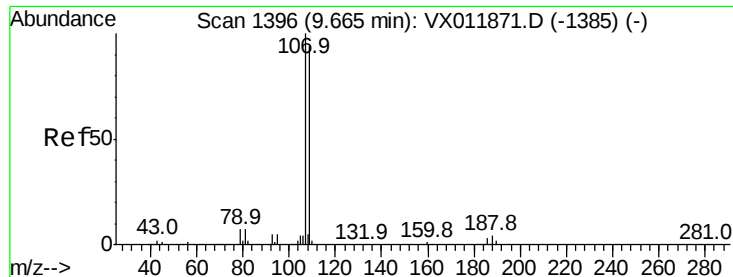
Tgt Ion: 43 Resp: 405854
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1



#60
Dibromochloromethane
Concen: 94.444 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion: 129 Resp: 267837
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 67.921 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

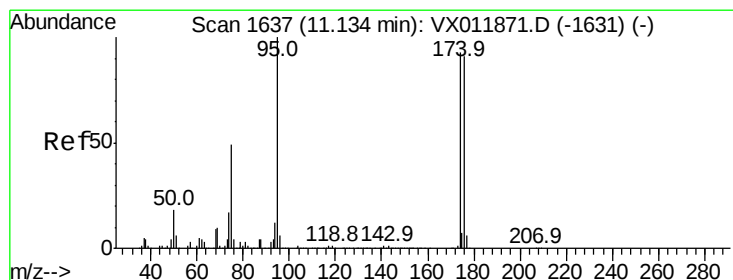
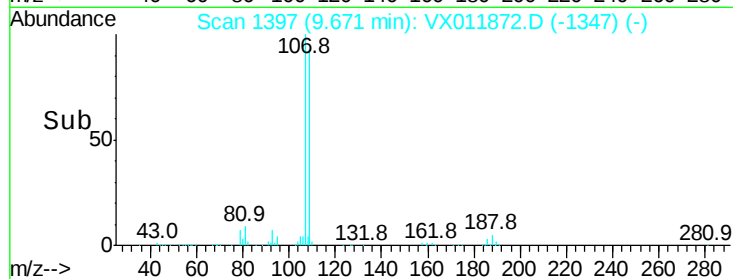
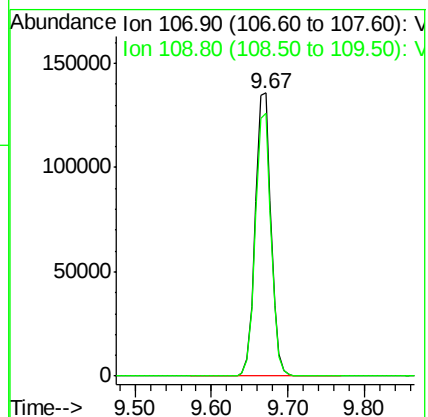
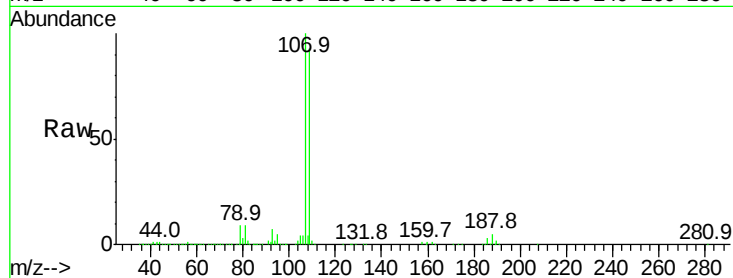
VSTDICC100

Tgt Ion: 107 Resp: 195280

Ion Ratio Lower Upper

107 100

109 93.1 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 89.339 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

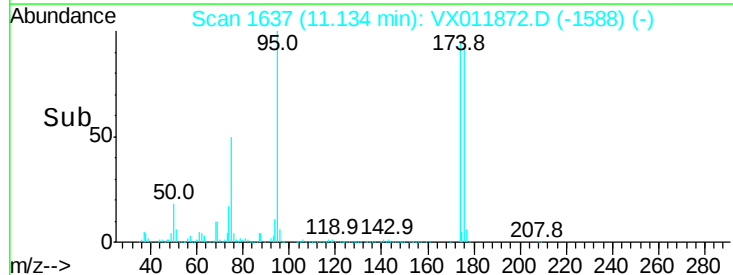
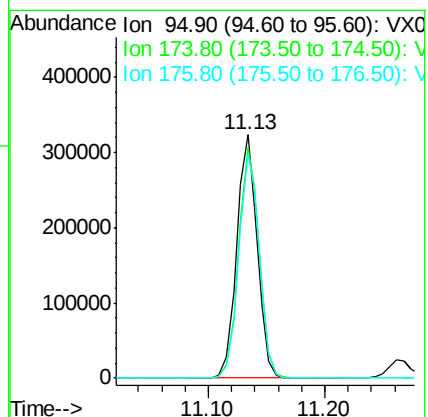
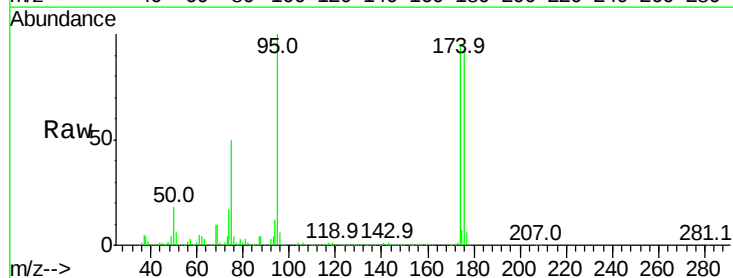
Tgt Ion: 95 Resp: 395249

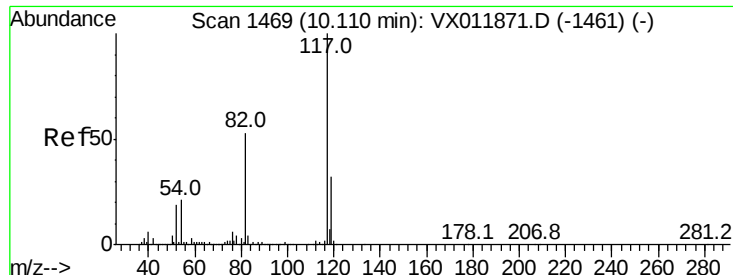
Ion Ratio Lower Upper

95 100

174 95.5 0.0 189.2

176 93.0 0.0 185.6

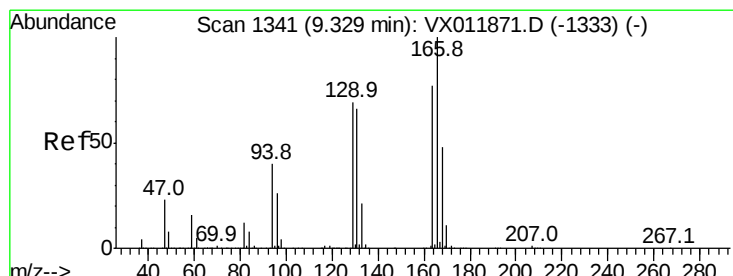
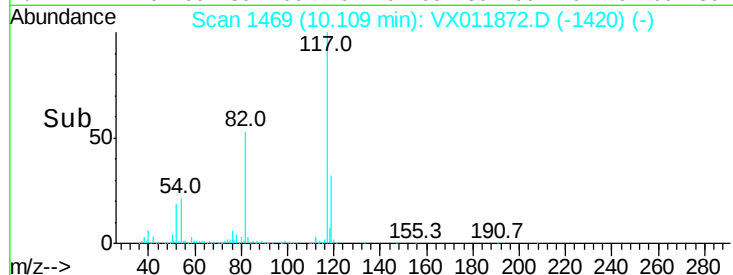
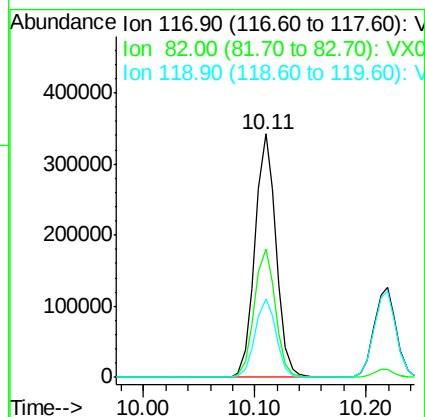
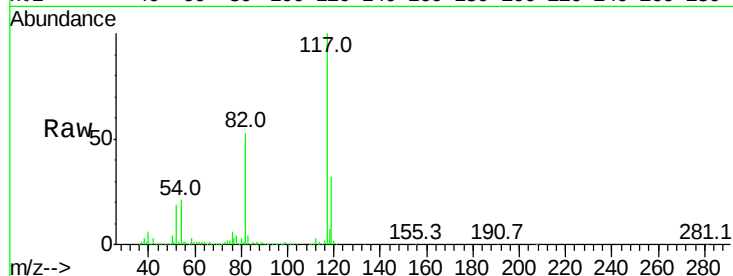




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

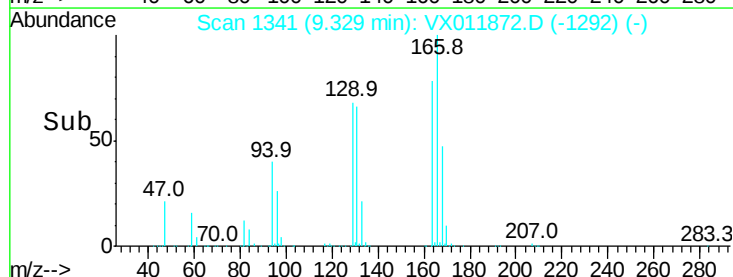
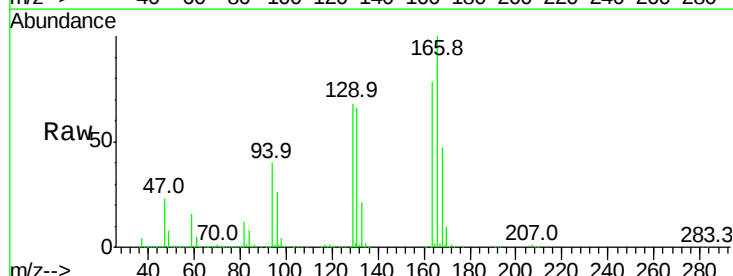
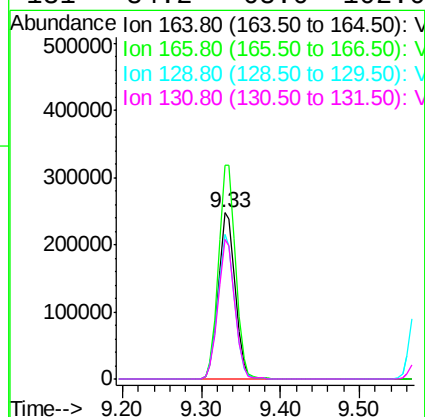
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

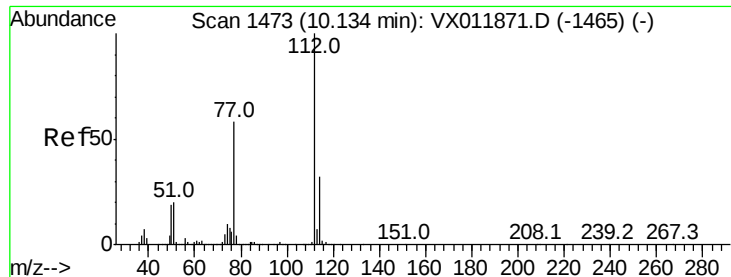
Tgt Ion:117 Resp: 451057
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 104.437 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion:164 Resp: 370275
Ion Ratio Lower Upper
164 100
166 128.3 103.6 155.4
129 86.7 71.4 107.2
131 84.2 68.0 102.0





#65

Chlorobenzene

Concen: 77.397 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

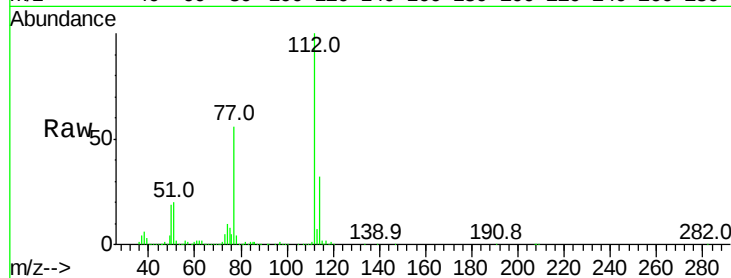
VSTDIC100

Tgt Ion:112 Resp: 729521

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

600000

500000

400000

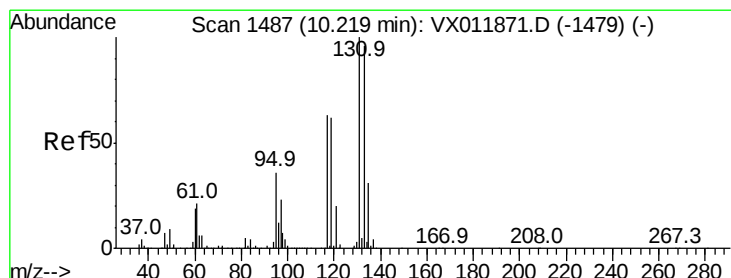
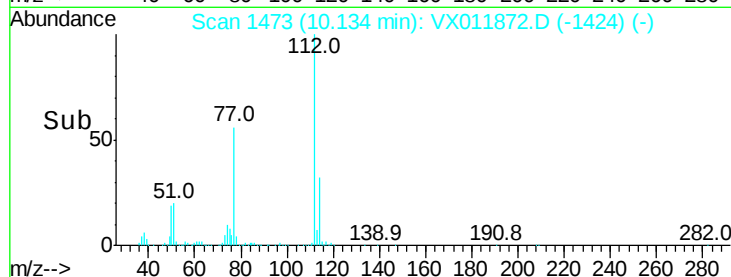
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 87.588 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

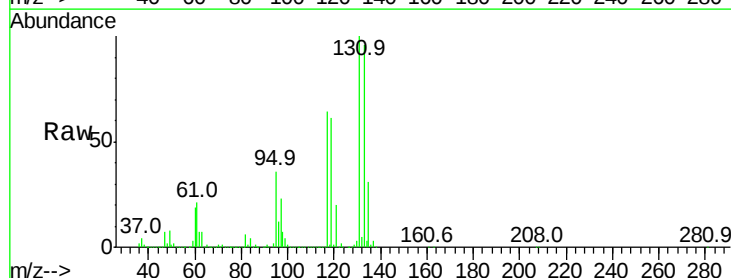
Tgt Ion:131 Resp: 269223

Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.3

119 61.8 31.1 93.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

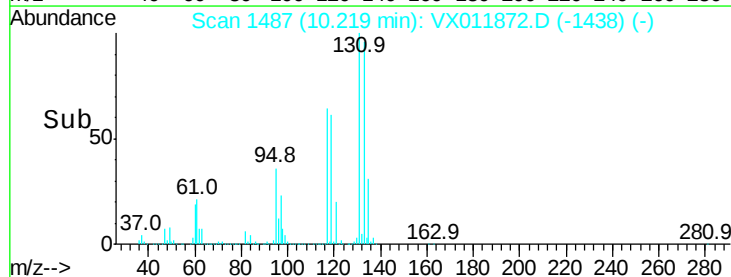
150000

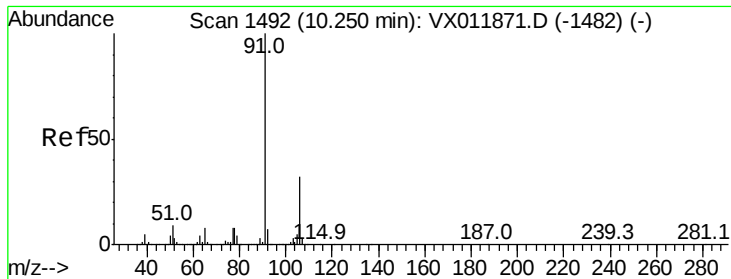
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 78.191 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

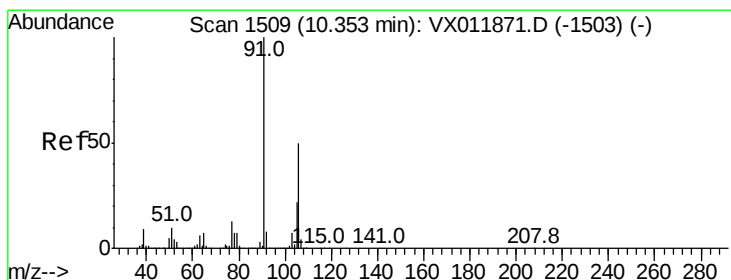
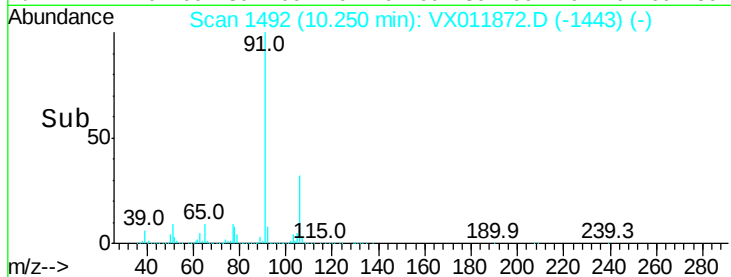
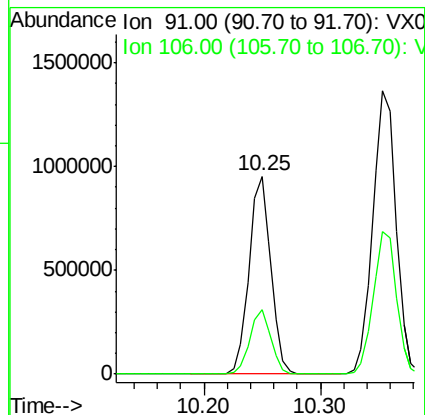
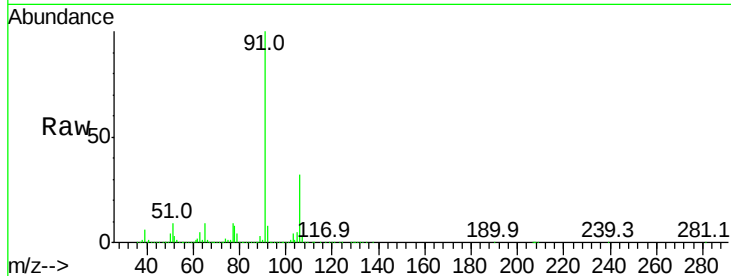
VSTDIC100

Tgt Ion: 91 Resp: 1244453

Ion Ratio Lower Upper

91 100

106 32.4 25.5 38.3



#68

m/p-Xylenes

Concen: 153.624 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011872.D

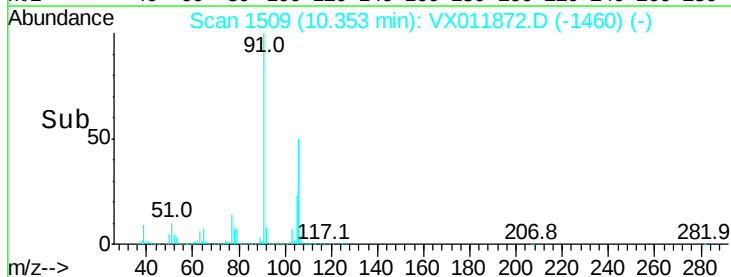
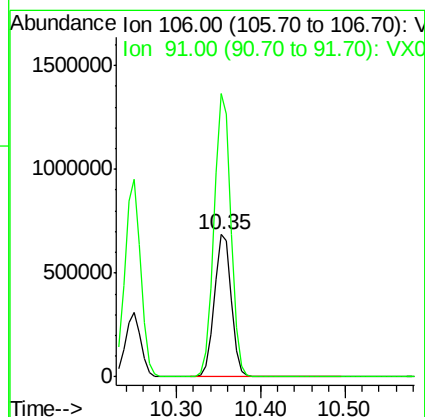
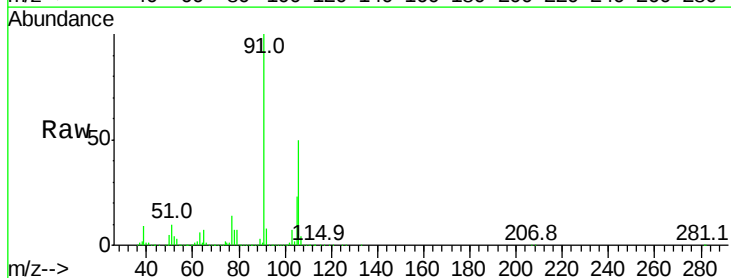
Acq: 28 Aug 2019 12:27

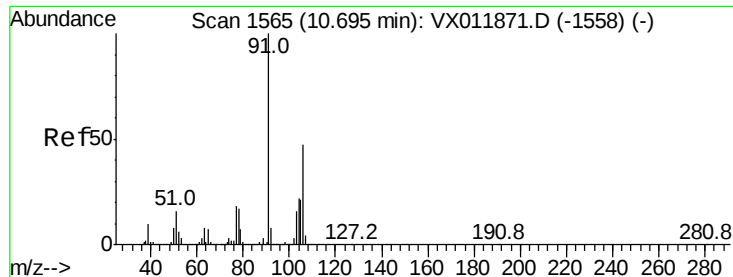
Tgt Ion: 106 Resp: 956448

Ion Ratio Lower Upper

106 100

91 198.3 158.9 238.3

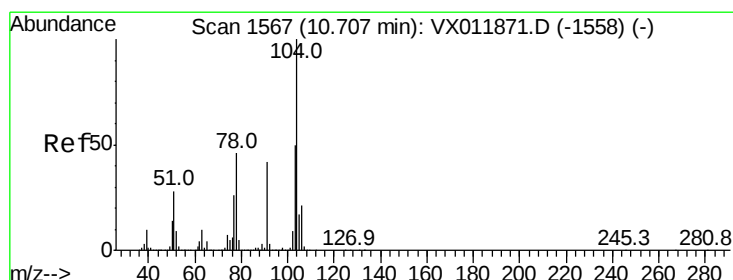
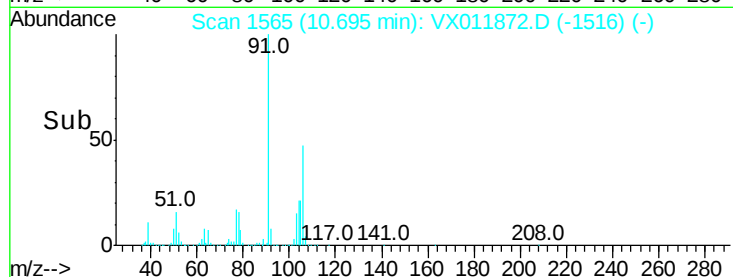
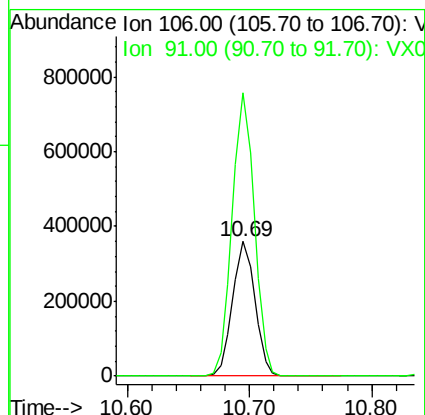
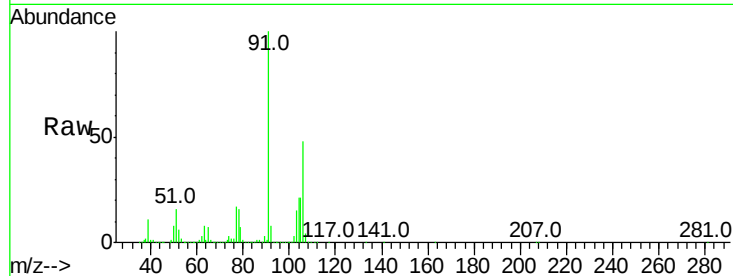




#69
o-Xylene
Concen: 78.291 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

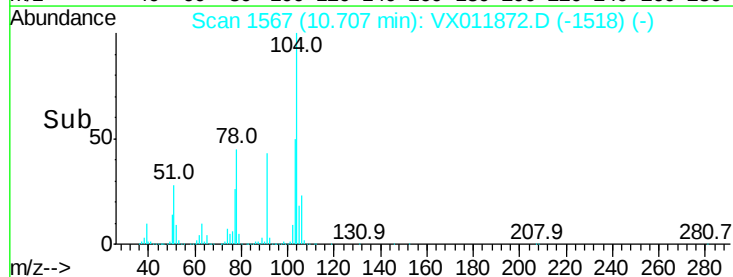
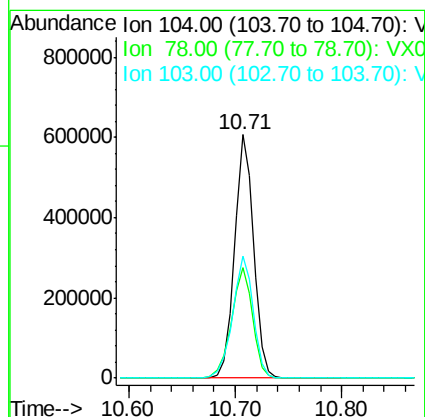
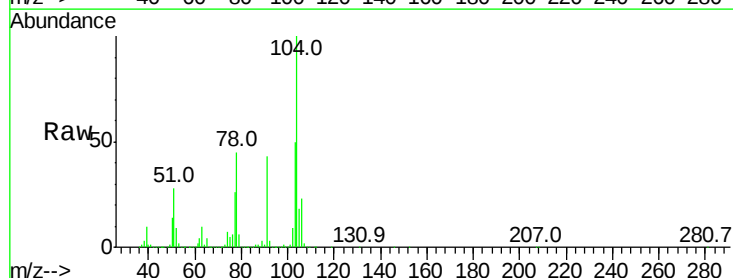
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

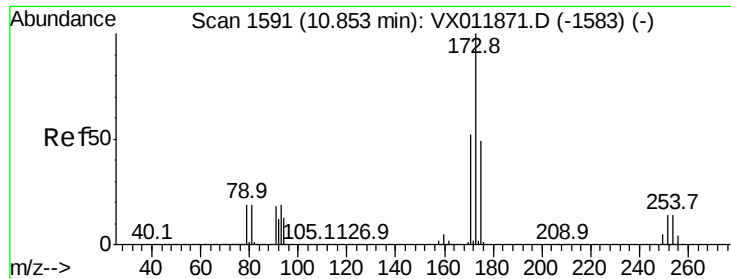
Tgt Ion:106 Resp: 452598
Ion Ratio Lower Upper
106 100
91 209.3 105.6 316.8



#70
Styrene
Concen: 78.316 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion:104 Resp: 761678
Ion Ratio Lower Upper
104 100
78 50.1 40.4 60.6
103 54.5 43.5 65.3

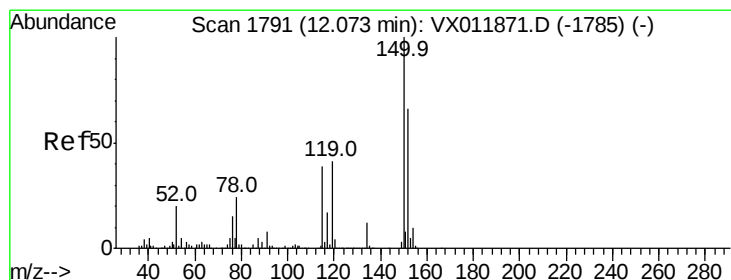
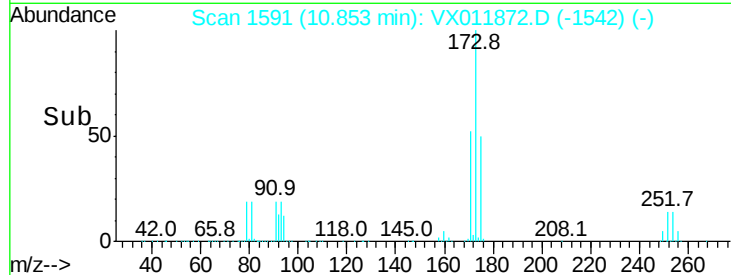
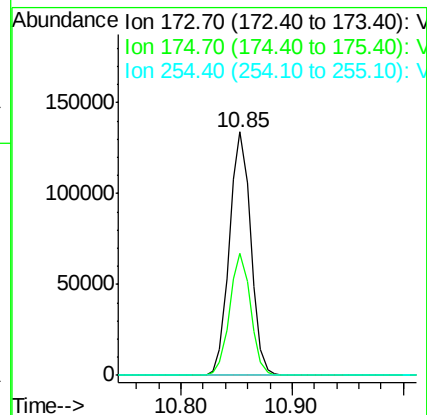
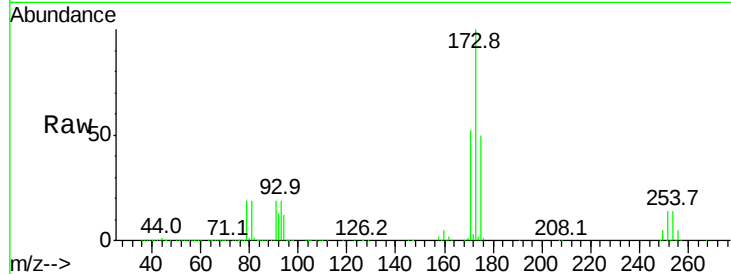




#71
Bromoform
Concen: 84.117 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

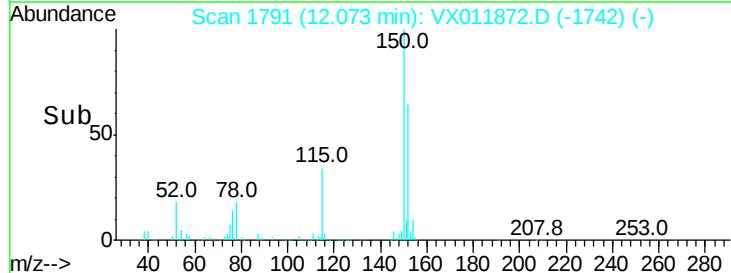
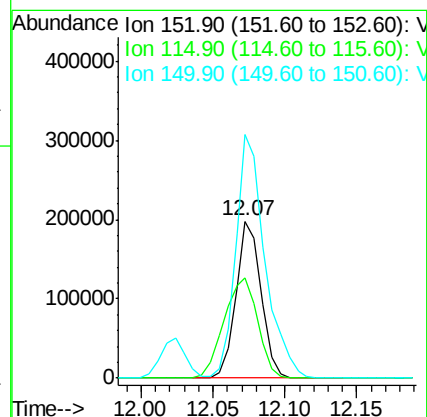
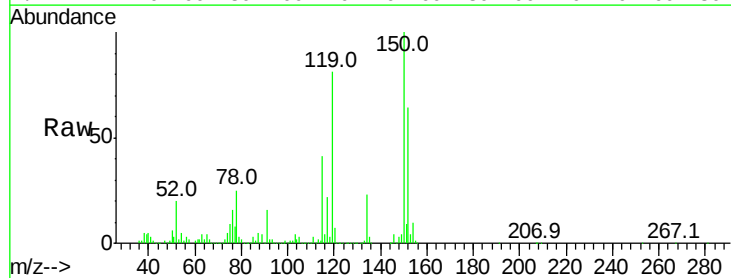
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

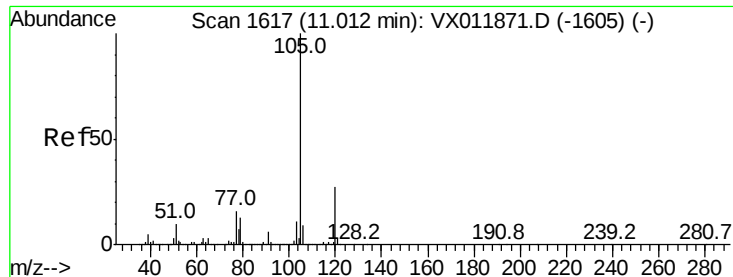
Tgt Ion:173 Resp: 177775
Ion Ratio Lower Upper
173 100
175 49.3 23.8 71.2
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion:152 Resp: 241429
Ion Ratio Lower Upper
152 100
115 85.8 36.0 108.1
150 179.9 0.0 341.4





#73

Isopropylbenzene

Concen: 78.072 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

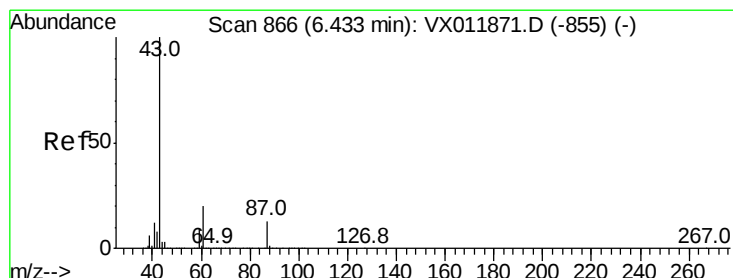
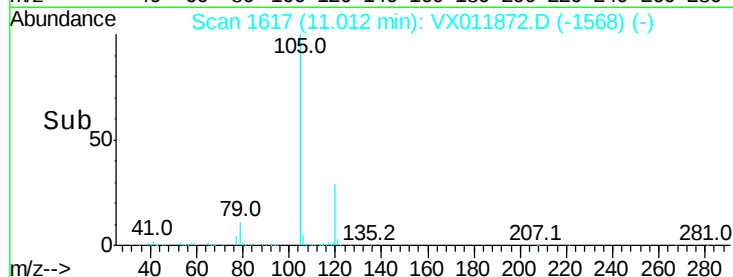
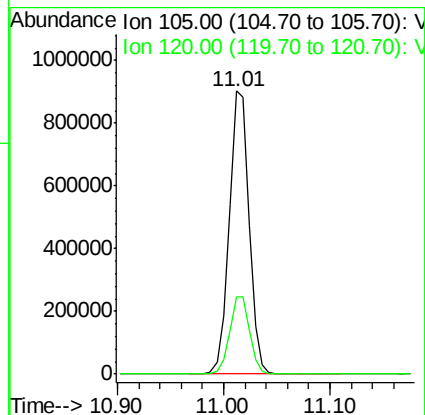
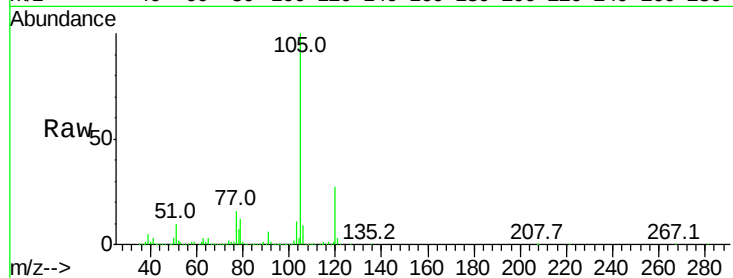
VSTDIC100

Tgt Ion:105 Resp: 1180001

Ion Ratio Lower Upper

105 100

120 27.7 13.8 41.3



#74

N-ethyl acetate

Concen: 56.223 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Tgt Ion: 43 Resp: 301197

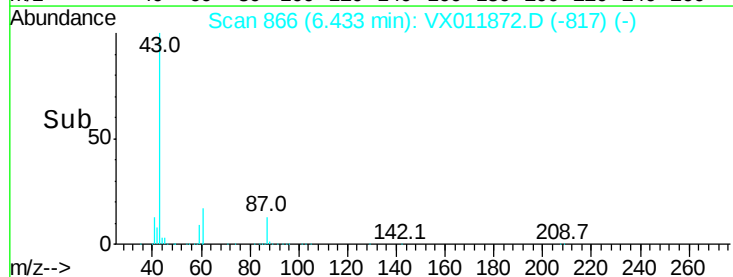
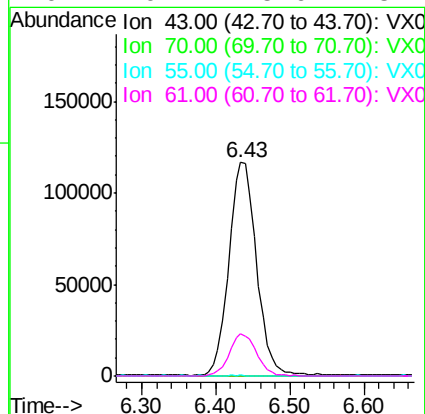
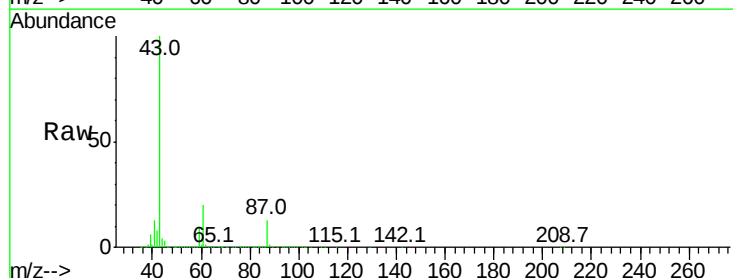
Ion Ratio Lower Upper

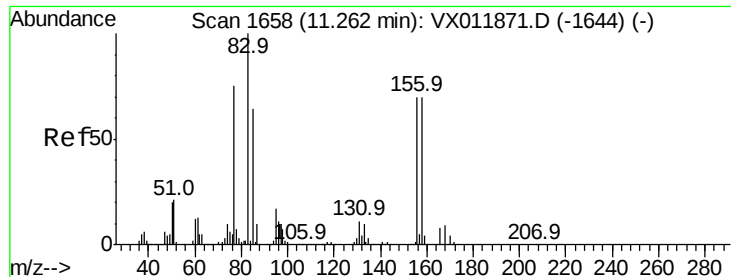
43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 19.7 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.814 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

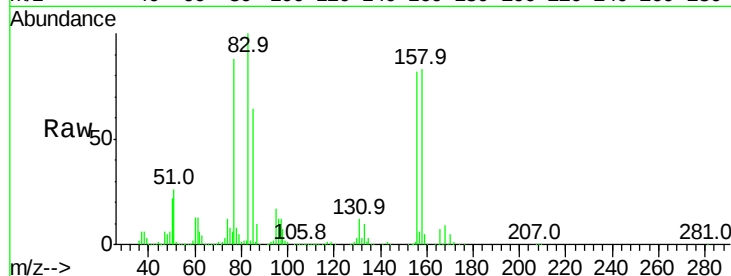
Tgt Ion: 83 Resp: 195739

Ion Ratio Lower Upper

83 100

131 12.2 6.0 18.1

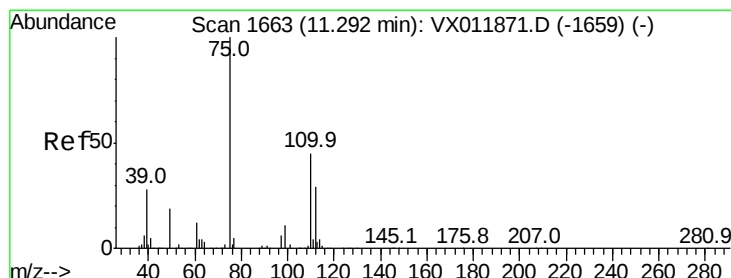
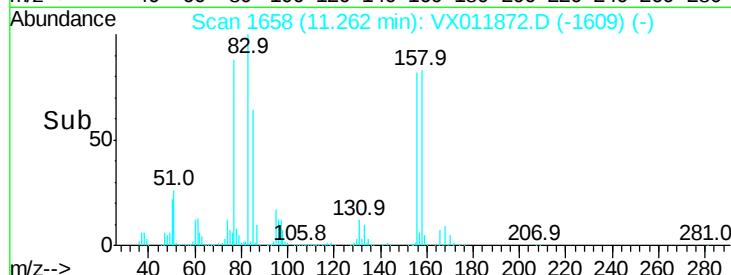
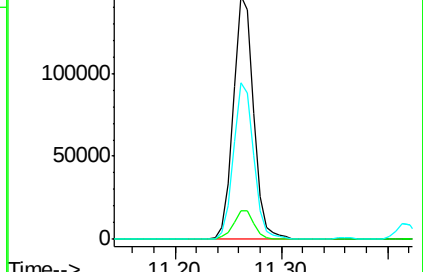
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.874 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011872.D

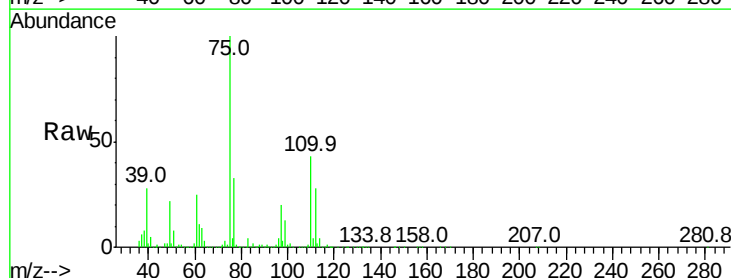
Acq: 28 Aug 2019 12:27

Tgt Ion: 75 Resp: 185936

Ion Ratio Lower Upper

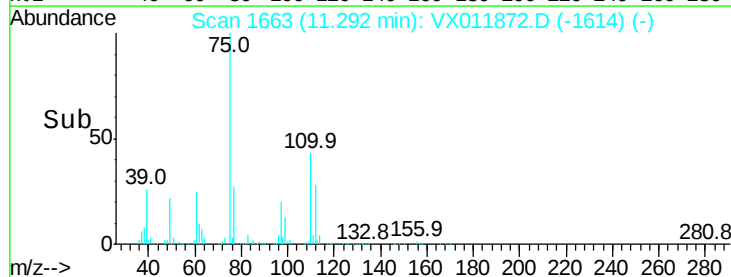
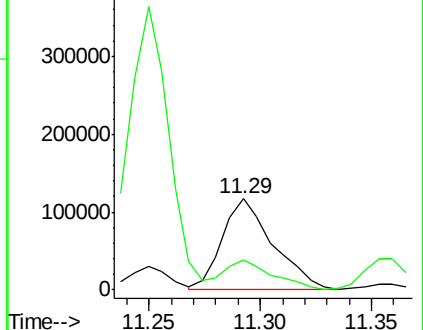
75 100

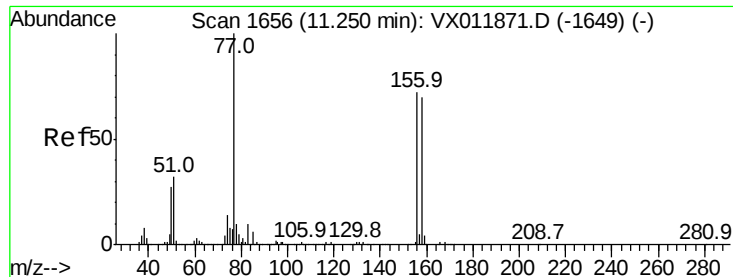
77 32.3 19.5 58.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 85.466 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

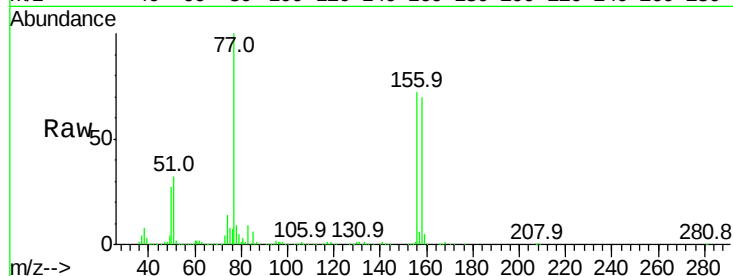
Tgt Ion:156 Resp: 336771

Ion Ratio Lower Upper

156 100

77 136.3 69.4 208.2

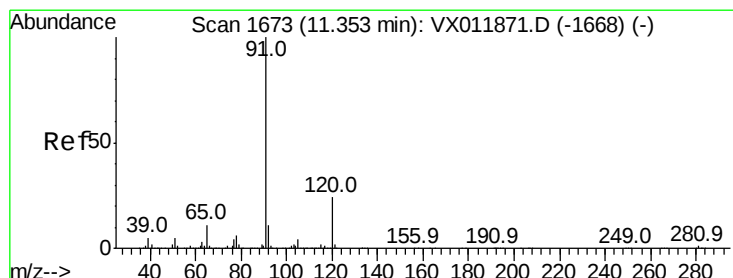
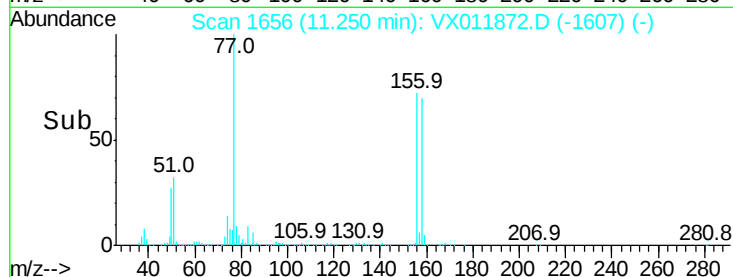
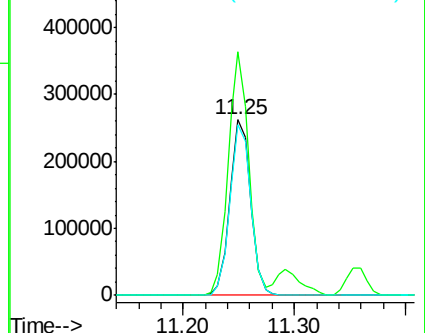
158 97.9 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 71.987 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.01 min

Lab File: VX011872.D

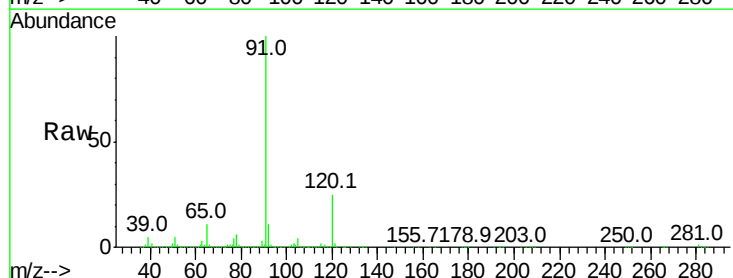
Acq: 28 Aug 2019 12:27

Tgt Ion: 91 Resp: 1318131

Ion Ratio Lower Upper

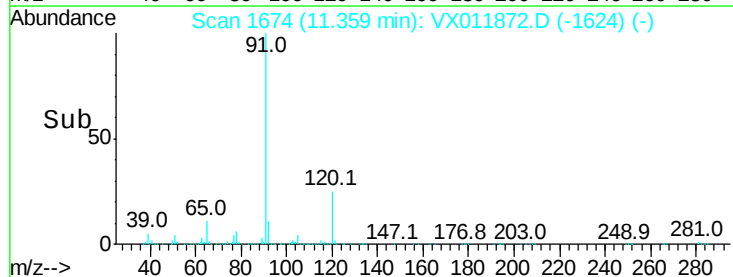
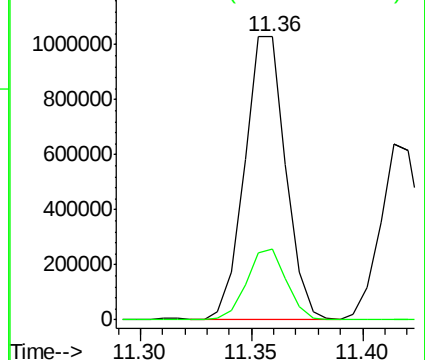
91 100

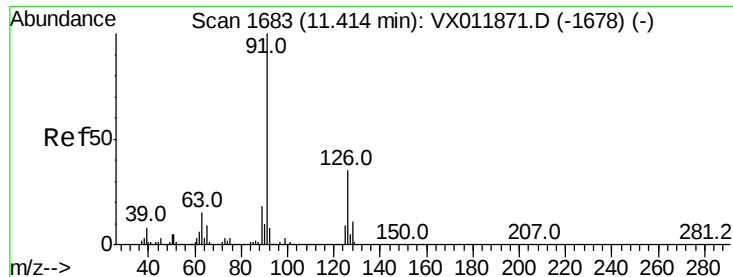
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 78.491 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

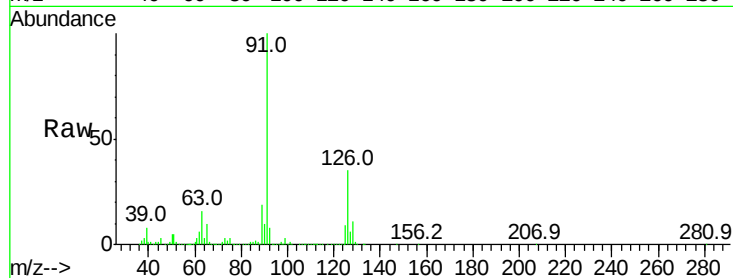
VSTDIC100

Tgt Ion: 91 Resp: 815972

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX011871.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX011871.D (-1678) (-)

1200000

800000

600000

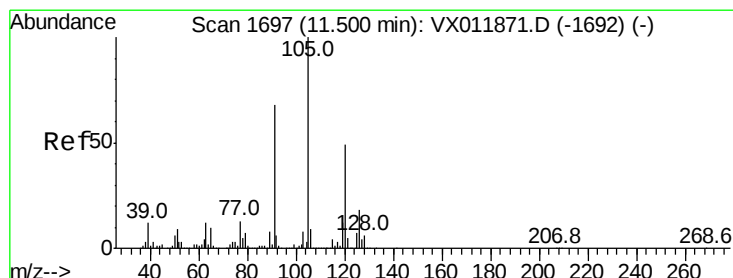
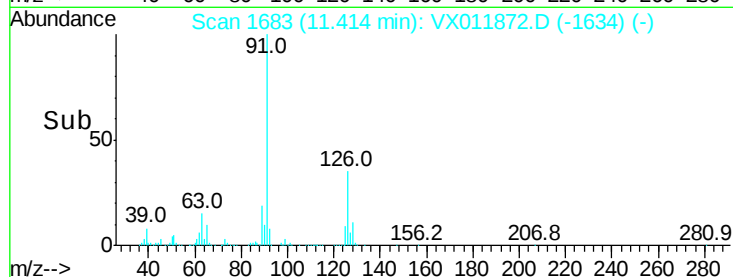
400000

200000

0

11.40 11.41 11.42 11.43 11.44 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 78.045 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VX011872.D

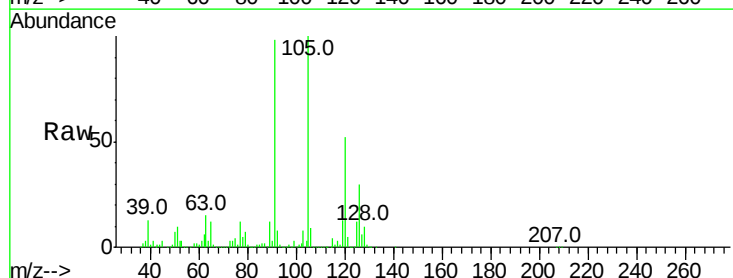
Acq: 28 Aug 2019 12:27

Tgt Ion: 105 Resp: 1006842

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX011871.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX011871.D (-1692) (-)

800000

600000

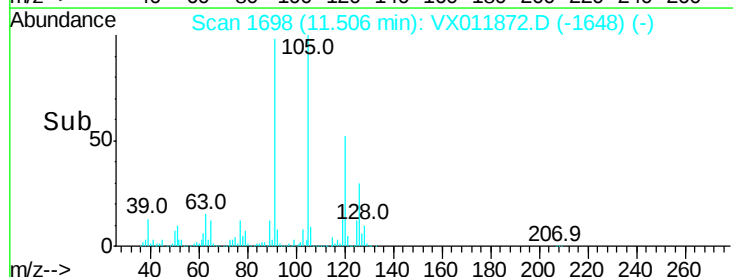
400000

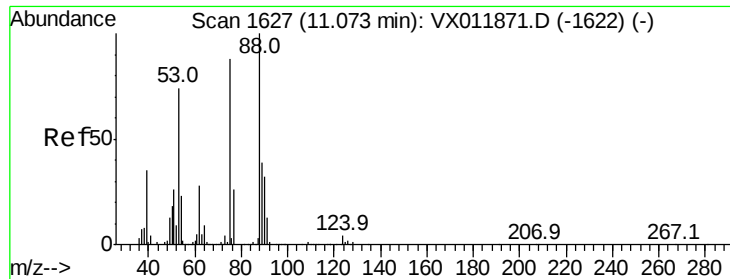
200000

0

11.50 11.51 11.52 11.53 11.54 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 38.469 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

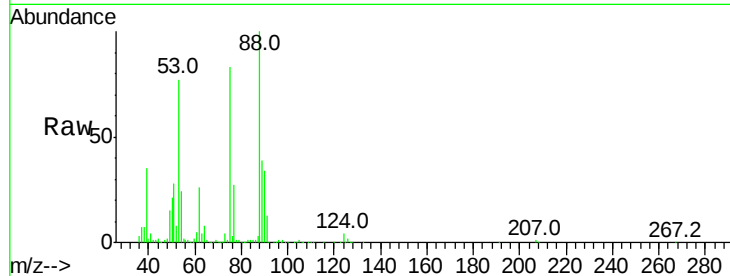
Tgt Ion: 75 Resp: 43219

Ion Ratio Lower Upper

75 100

53 92.9 73.3 109.9

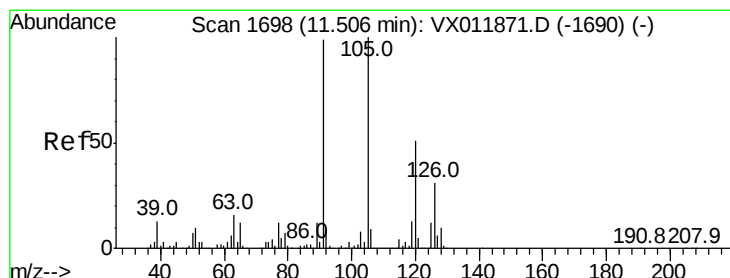
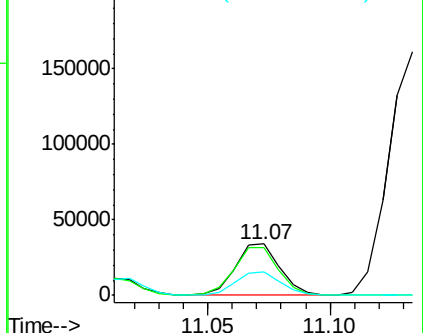
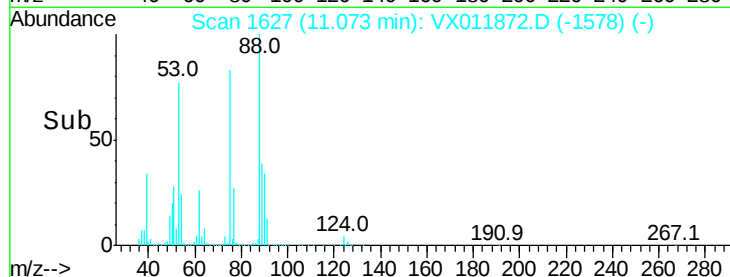
89 46.6 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 75.409 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011872.D

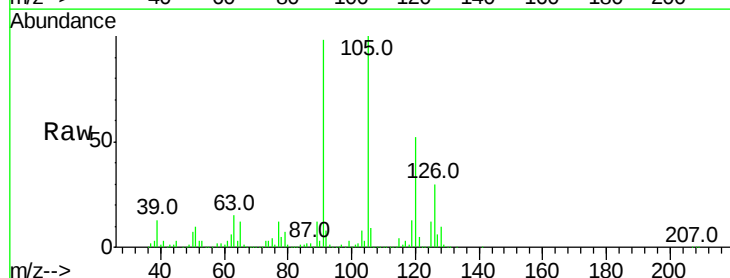
Acq: 28 Aug 2019 12:27

Tgt Ion: 91 Resp: 950853

Ion Ratio Lower Upper

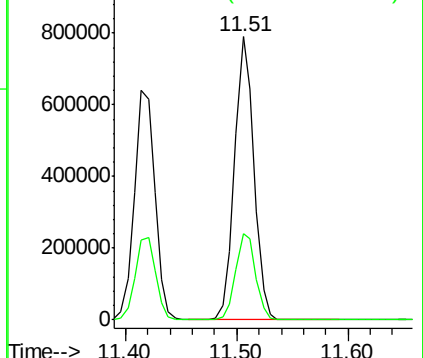
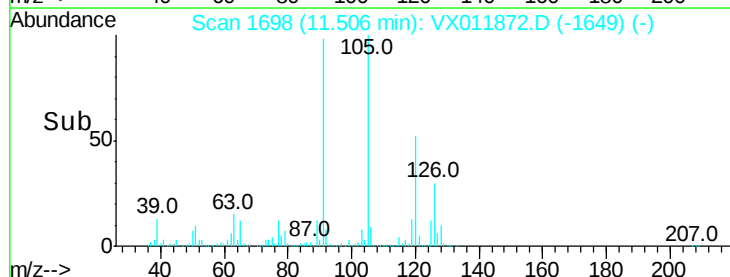
91 100

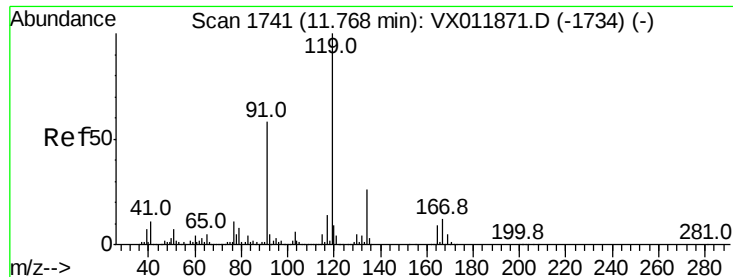
126 31.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

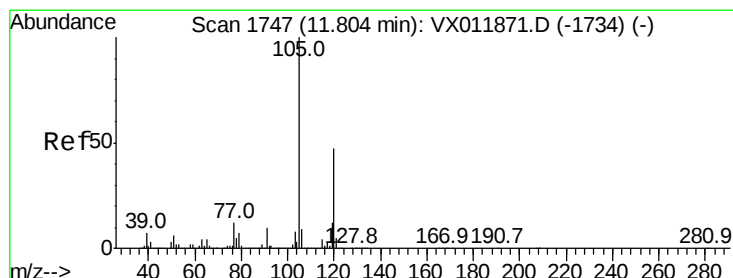
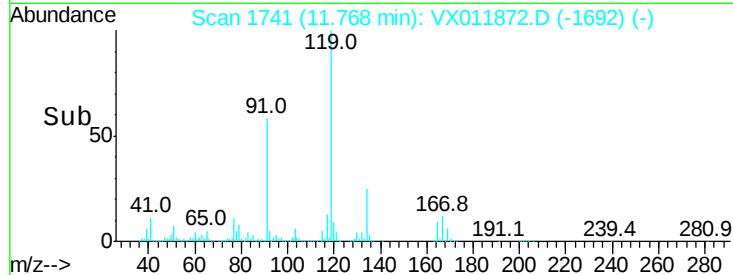
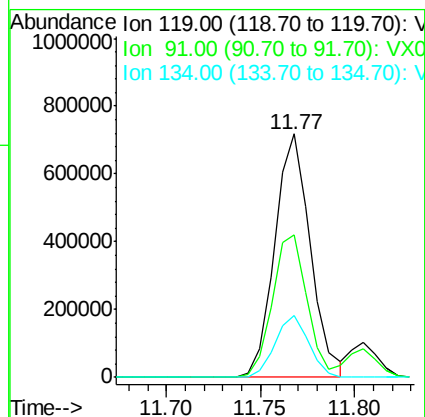
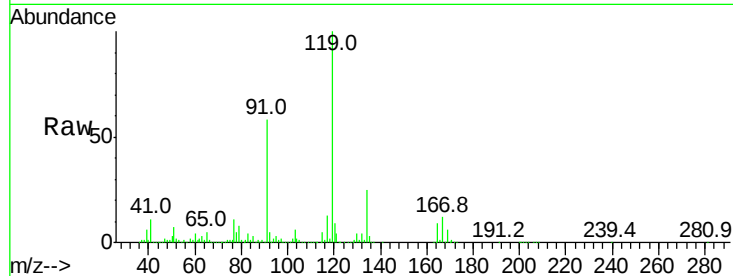




#83
 tert-Butylbenzene
 Concen: 73.543 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

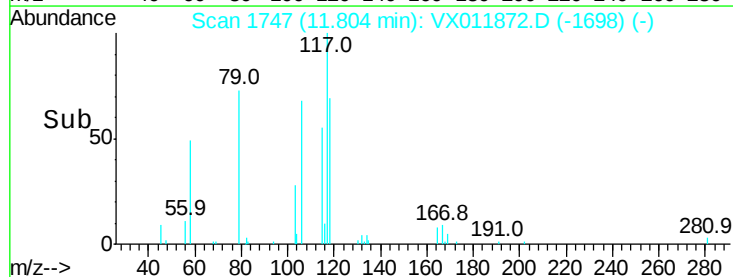
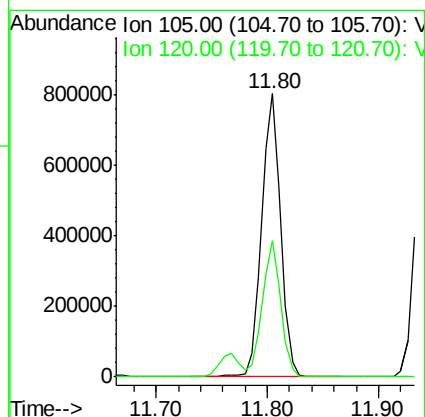
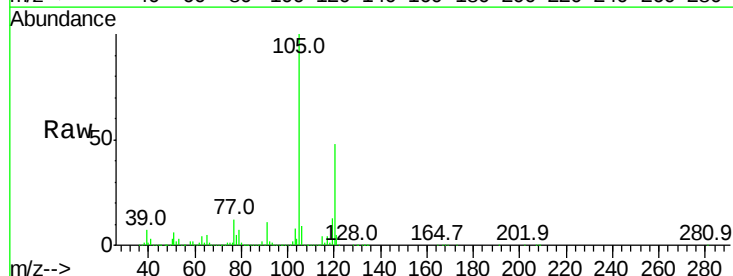
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

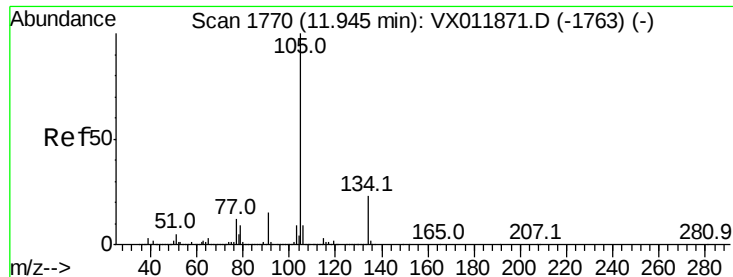
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.6	85.8
134	24.2	12.4	37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 72.165 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0





#85

sec-Butylbenzene

Concen: 66.835 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

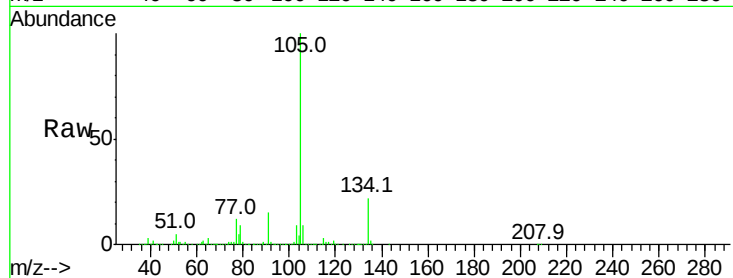
VSTDIC100

Tgt Ion:105 Resp: 1091038

Ion Ratio Lower Upper

105 100

134 21.9 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

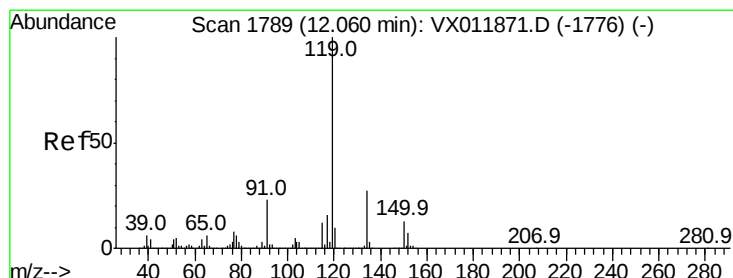
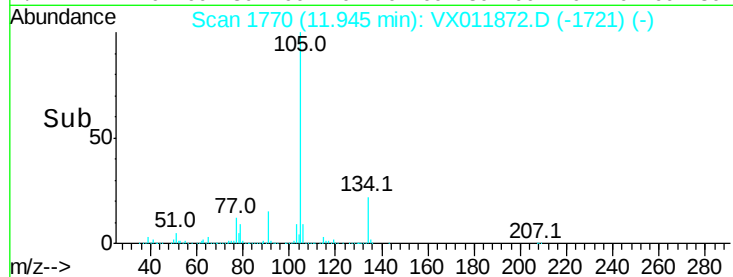
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 67.999 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

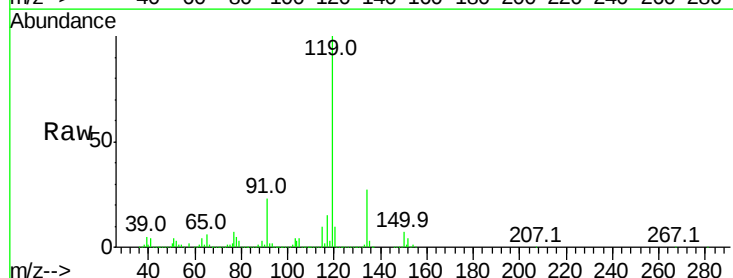
Tgt Ion:119 Resp: 1008903

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 23.4 11.7 35.0



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

12.06

1200000

1000000

800000

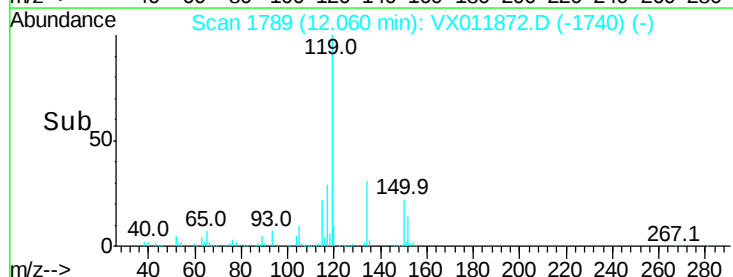
600000

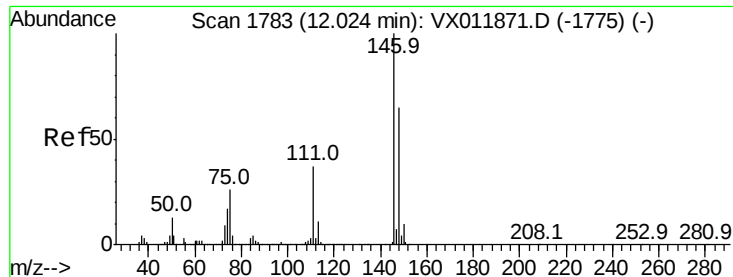
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 75.234 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

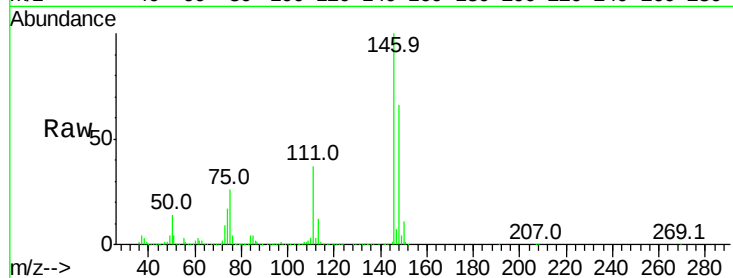
Tgt Ion:146 Resp: 599687

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

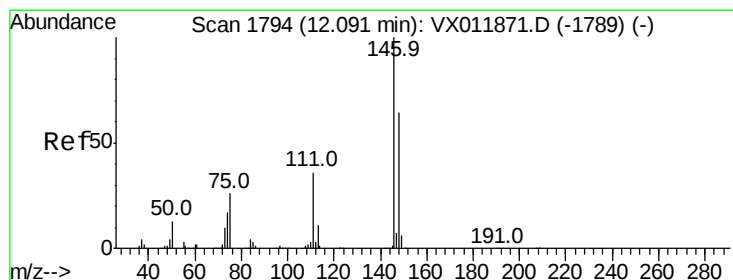
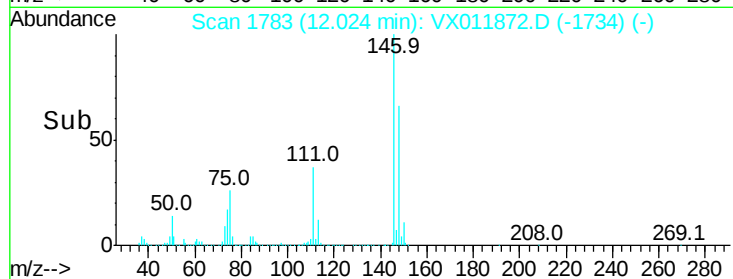
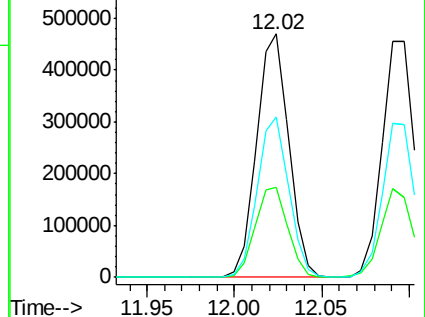
148 64.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 72.012 ug/l

RT: 12.09 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

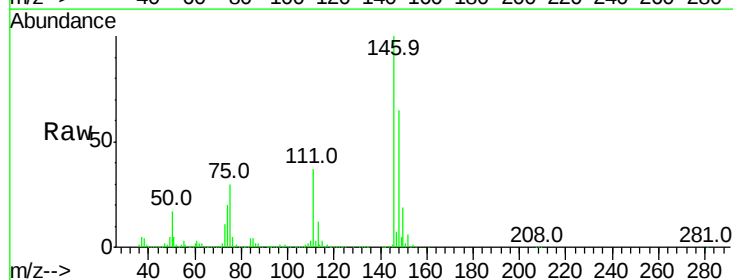
Tgt Ion:146 Resp: 585623

Ion Ratio Lower Upper

146 100

111 36.1 18.3 54.8

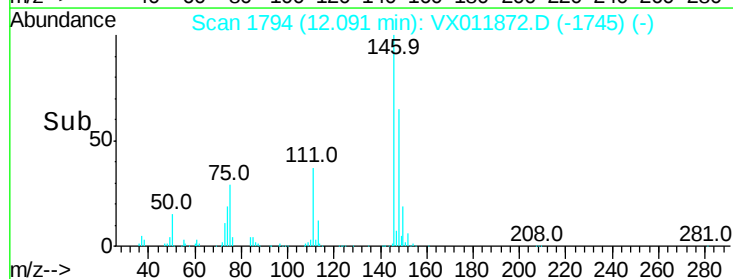
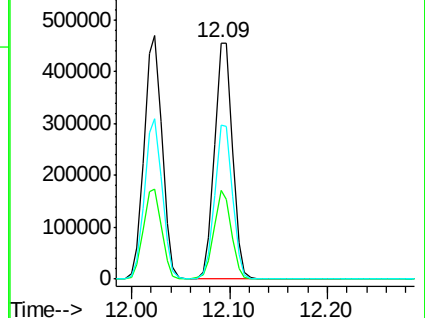
148 64.3 32.3 96.8

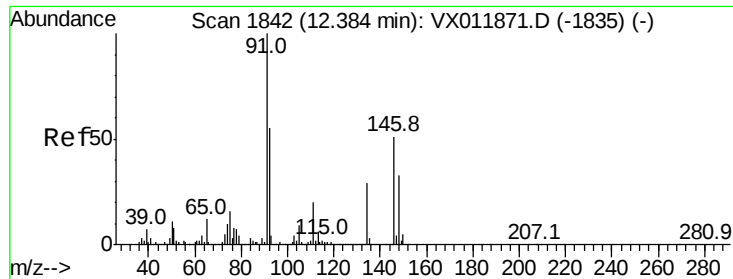


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

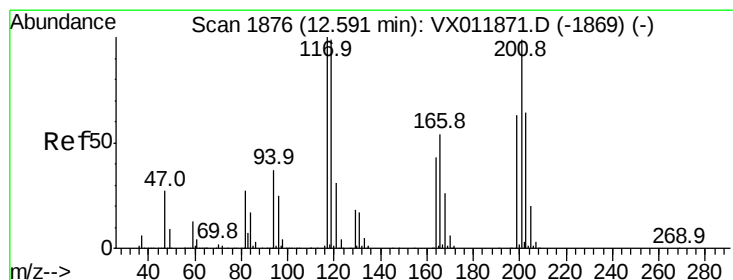
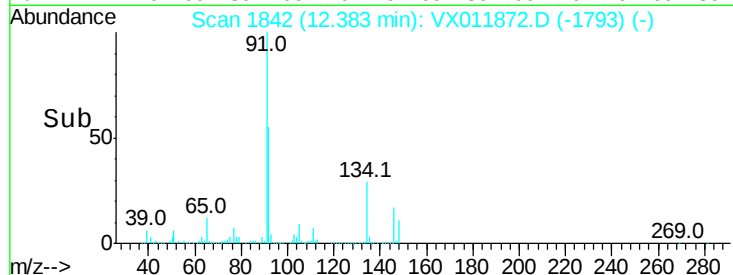
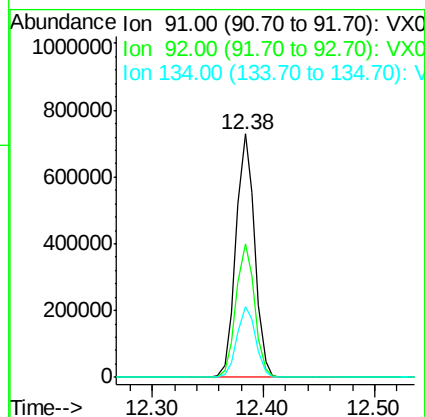
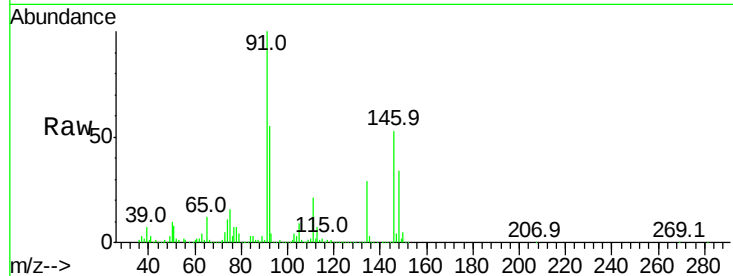




#89
n-Butylbenzene
Concen: 59.703 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

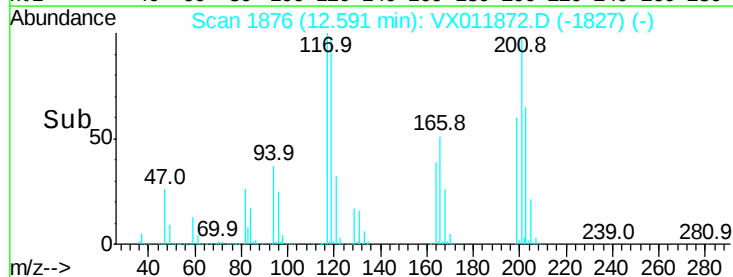
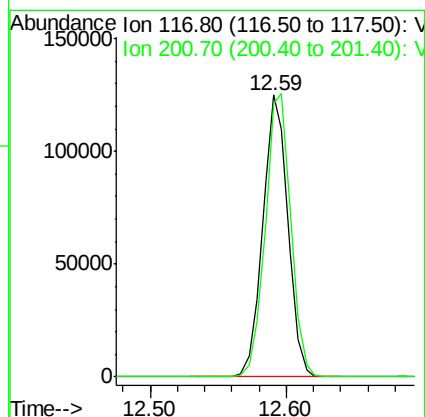
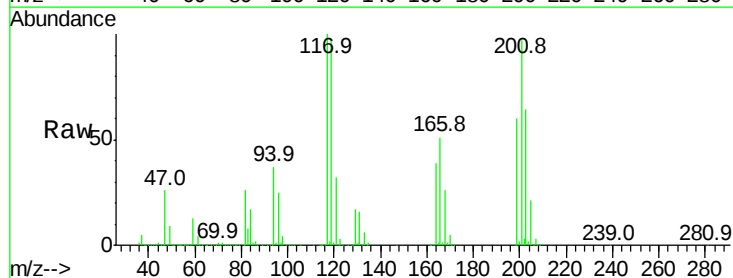
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

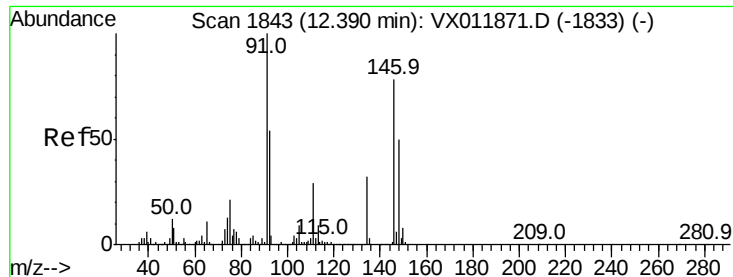
Tgt Ion: 91 Resp: 843085
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.7
134 29.1 14.4 43.4



#90
Hexachloroethane
Concen: 73.436 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion: 117 Resp: 161789
Ion Ratio Lower Upper
117 100
201 102.1 51.0 153.1





#91

1,2-Dichlorobenzene

Concen: 70.101 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

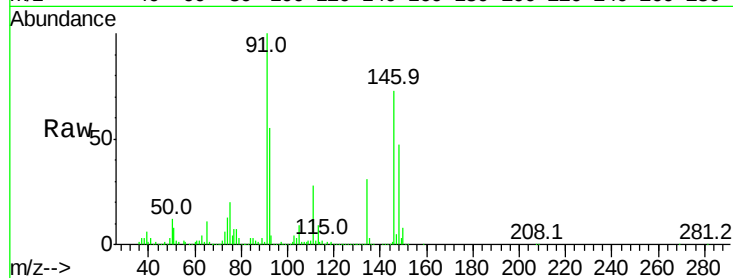
Tgt Ion:146 Resp: 520364

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

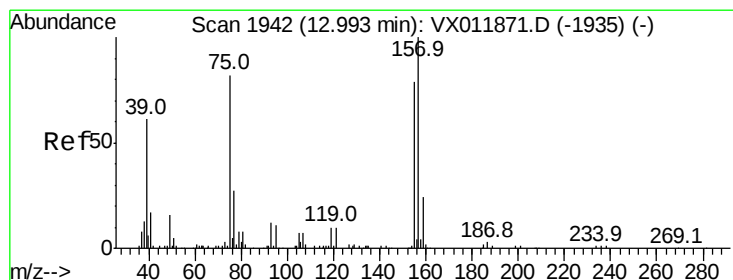
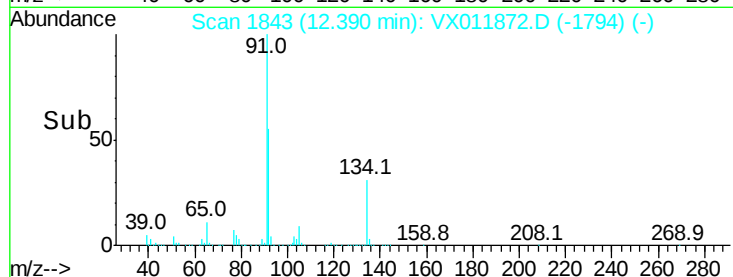
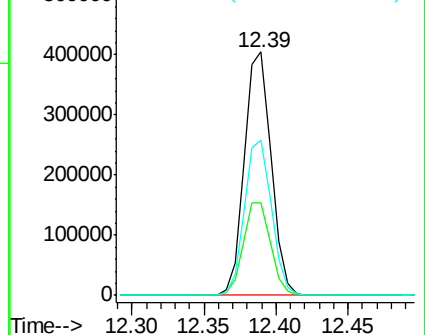
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 35.242 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VX011872.D

Acq: 28 Aug 2019 12:27

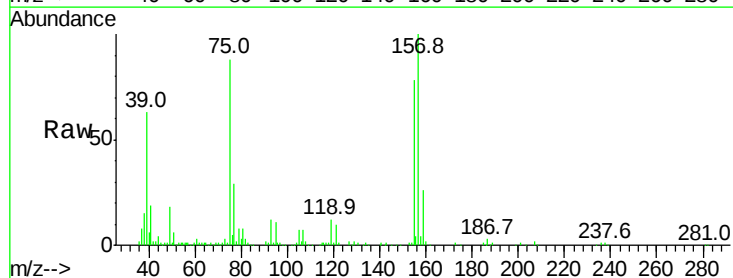
Tgt Ion: 75 Resp: 27477

Ion Ratio Lower Upper

75 100

155 97.0 50.3 150.9

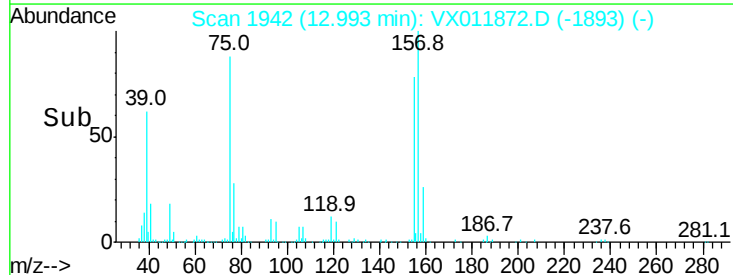
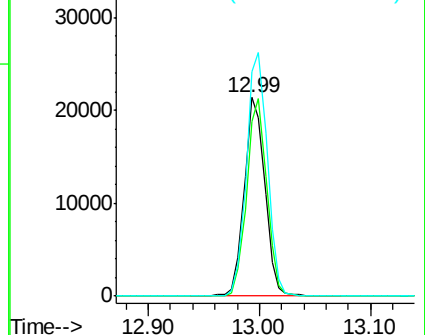
157 124.4 64.7 194.1

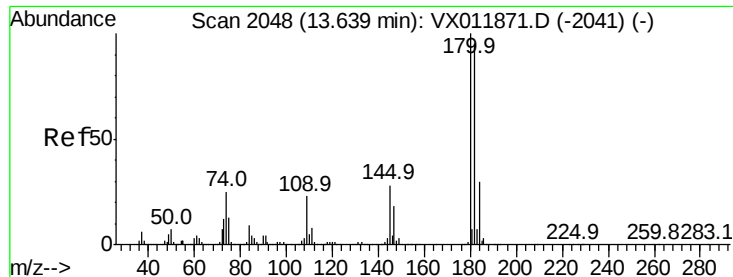


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

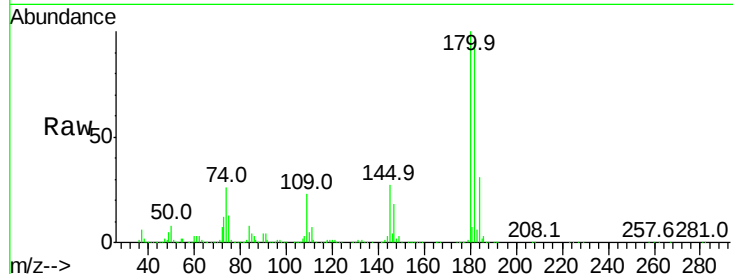




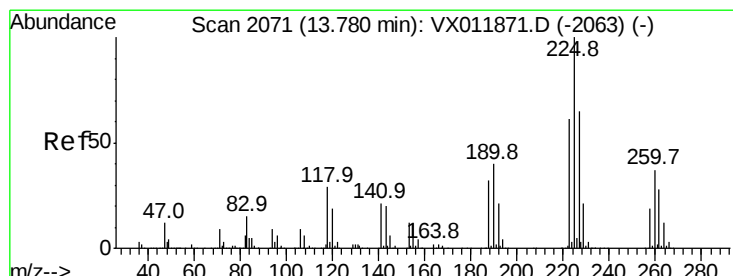
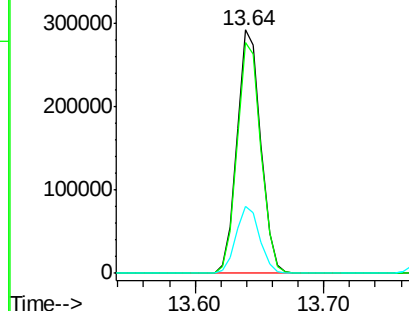
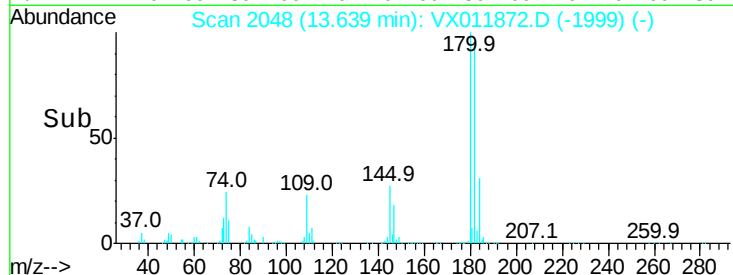
#93
 1,2,4-Trichlorobenzene
 Concen: 63.314 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372823		
182	95.2	47.9	143.7	
145	27.7	13.8	41.4	

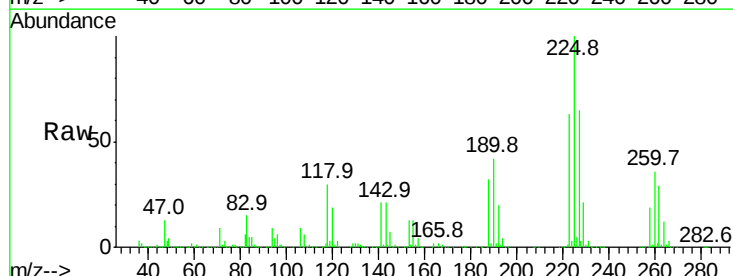


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

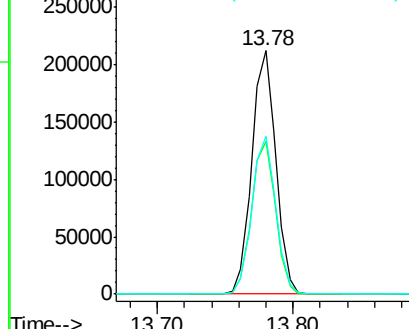
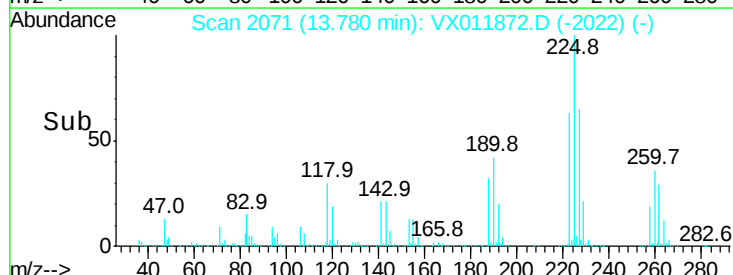


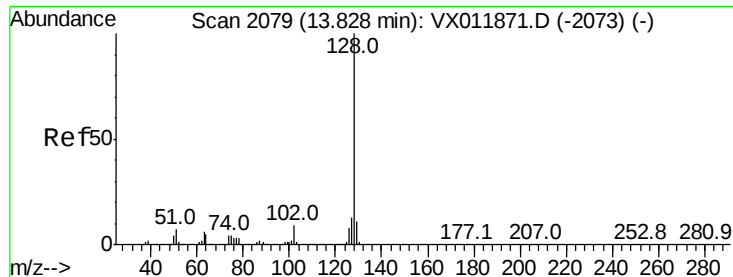
#94
 Hexachlorobutadiene
 Concen: 69.932 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011872.D
 Acq: 28 Aug 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	263345		
223	63.0	30.9	92.8	
227	64.3	32.5	97.5	



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

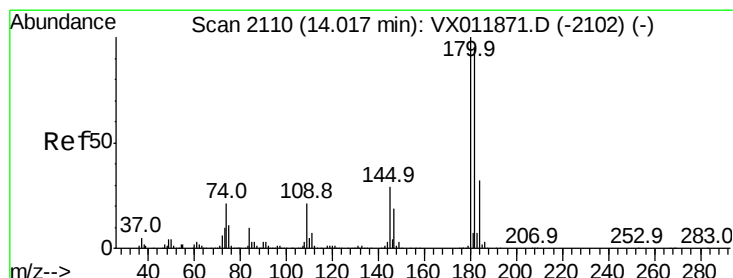
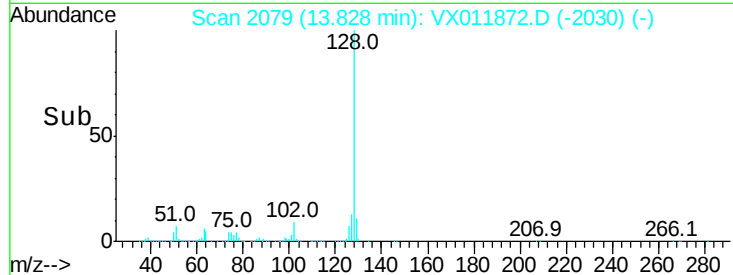
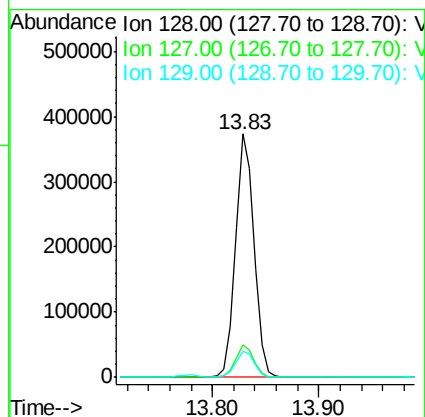
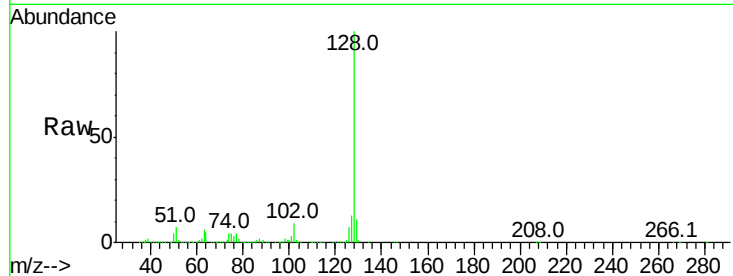




#95
Naphthalene
Concen: 36.151 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	9.0	13.4



#96
1,2,3-Trichlorobenzene
Concen: 55.823 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011872.D
Acq: 28 Aug 2019 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.7
145	29.5	14.9	44.7

