

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006632.D
 Acq On : 19 Dec 2018 07:25
 Operator : JC/MD
 Sample : J6408-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

Quant Time: Dec 19 10:33:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:58:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	490378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	809899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	756781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395261	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	274317	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	5.50	113	252254	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	907162	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.13	95	352062	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	229600	51.180	ug/l	97
3) Chloromethane	1.33	50	265263	54.885	ug/l	97
4) Vinyl Chloride	1.41	62	274215	54.324	ug/l	97
5) Bromomethane	1.64	94	269022	57.394	ug/l	96
6) Chloroethane	1.72	64	180118	51.534	ug/l	97
7) Trichlorofluoromethane	1.93	101	431055	54.773	ug/l	97
8) Diethyl Ether	2.19	74	171603	54.899	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	234235	50.692	ug/l	99
10) Methyl Iodide	2.51	142	397321	60.069	ug/l	99
11) Tert butyl alcohol	3.07	59	378745	321.110	ug/l	97
12) 1,1-Dichloroethene	2.37	96	237859	54.289	ug/l	99
13) Acrolein	2.29	56	183206	230.248	ug/l	98
14) Allyl chloride	2.73	41	372847	50.556	ug/l	99
15) Acrylonitrile	3.15	53	765430	292.280	ug/l	100
16) Acetone	2.45	43	646480	266.246	ug/l	98
17) Carbon Disulfide	2.57	76	569585	49.124	ug/l	100
18) Methyl Acetate	2.78	43	311208	43.587	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	844739	58.090	ug/l	98
20) Methylene Chloride	2.85	84	277691	55.306	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	255458	52.622	ug/l	97
22) Diisopropyl ether	3.87	45	770183	57.085	ug/l	96
23) Vinyl Acetate	3.82	43	2126516	192.689	ug/l	99
24) 1,1-Dichloroethane	3.70	63	448054	55.631	ug/l	99
25) 2-Butanone	4.70	43	948629	277.745	ug/l	100
26) 2,2-Dichloropropane	4.59	77	123923	19.919	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	301803	56.347	ug/l	94
28) Bromochloromethane	5.01	49	184974	54.654	ug/l	99
29) Tetrahydrofuran	5.15	42	647805	287.972	ug/l	100
30) Chloroform	5.21	83	478074	57.320	ug/l	98
31) Cyclohexane	5.57	56	379647	51.886	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	403606	57.310	ug/l	99
36) 1,1-Dichloropropene	5.80	75	341256	50.874	ug/l	99
37) Ethyl Acetate	4.85	43	271101	38.831	ug/l	98
38) Carbon Tetrachloride	5.78	117	341254	52.348	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	386622	43.780	ug/l	99
40) Benzene	6.14	78	1069783	52.467	ug/l	100
41) Methacrylonitrile	5.06	41	208446	56.235	ug/l	99
42) 1,2-Dichloroethane	6.20	62	367886	52.950	ug/l	99
43) Isopropyl Acetate	6.46	43	488108	45.949	ug/l	99
44) Trichloroethene	7.21	130	310743	50.353	ug/l	99
45) 1,2-Dichloropropane	7.51	63	266551	53.721	ug/l	99
46) Dibromomethane	7.66	93	192483	52.740	ug/l	100
47) Bromodichloromethane	7.90	83	329296	54.346	ug/l	97
48) Methyl methacrylate	7.77	41	305734	56.596	ug/l	100
49) 1,4-Dioxane	7.75	88	159136	1128.451	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1931149	285.715	ug/l	100
52) Toluene	8.78	92	705730	53.576	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	304231	46.816	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	344678	48.339	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	290926	53.958	ug/l	96
56) Ethyl methacrylate	9.18	69	428224	56.193	ug/l	99
57) 1,3-Dichloropropane	9.37	76	464883	53.590	ug/l	99
59) 2-Hexanone	9.49	43	1471116	284.469	ug/l	100
60) Dibromochloromethane	9.59	129	289637	58.320	ug/l	96
61) 1,2-Dibromoethane	9.67	107	316847	55.281	ug/l	99
64) Tetrachloroethene	9.34	164	287670	48.005	ug/l	96
65) Chlorobenzene	10.14	112	821614	51.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	281162	56.287	ug/l	98
67) Ethyl Benzene	10.25	91	1349154	51.569	ug/l	99
68) m/p-Xylenes	10.36	106	1065619	103.223	ug/l	100
69) o-Xylene	10.69	106	530357	52.025	ug/l	97
70) Styrene	10.71	104	873176	54.141	ug/l	100
71) Bromoform	10.86	173	208930	46.694	ug/l	100
73) Isopropylbenzene	11.02	105	1397365	51.677	ug/l	99
74) N-amyl acetate	10.90	43	376463	38.895	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	440950	54.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	438247	59.661	ug/l	91
77) Bromobenzene	11.26	156	382329	52.298	ug/l	99
78) n-propylbenzene	11.36	91	1525915	51.244	ug/l	100
79) 2-Chlorotoluene	11.42	91	934233	51.772	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1156731	51.936	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	75156	32.734	ug/l	92
82) 4-Chlorotoluene	11.51	91	1063533	51.381	ug/l	100
83) tert-Butylbenzene	11.77	119	1198542	53.768	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1179693	50.357	ug/l	100
85) sec-Butylbenzene	11.94	105	1385096	50.680	ug/l	99
86) p-Isopropyltoluene	12.06	119	1223489	50.927	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	670975	50.926	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	673436	49.860	ug/l	99
89) n-Butylbenzene	12.39	91	979495	47.907	ug/l	99
90) Hexachloroethane	12.60	117	180720	48.192	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	674771	51.197	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	88132	52.964	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	447083	49.176	ug/l	98

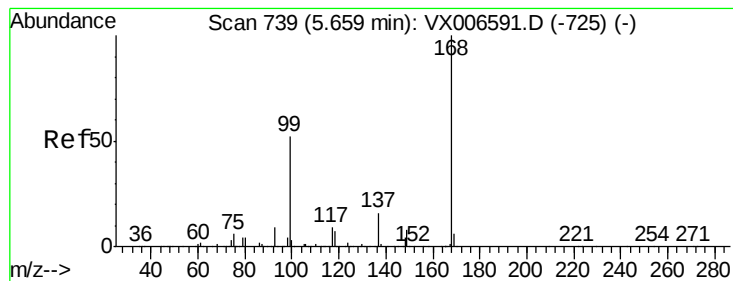
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
Data File : VX006632.D
Acq On : 19 Dec 2018 07:25
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	191788	44.756	ug/l	97
95) Naphthalene	13.83	128	1525491	52.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	470114	50.082	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

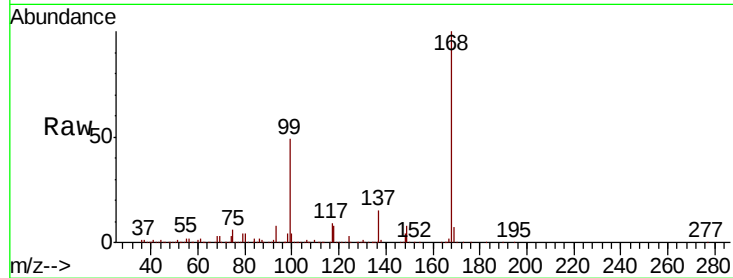
SA.PZ135I-20181208MSD

Tot Ion:168 Resp: 490378

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

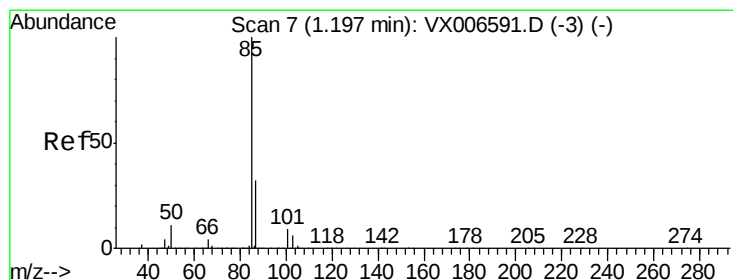
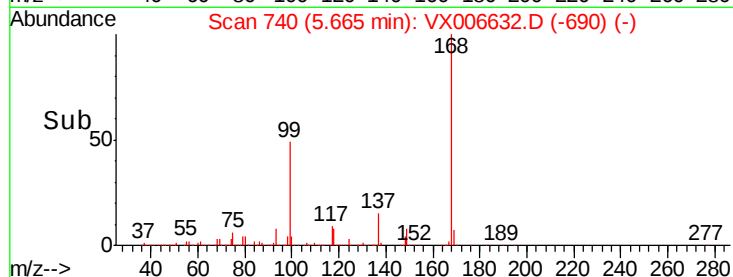
100000

50000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.180 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006632.D

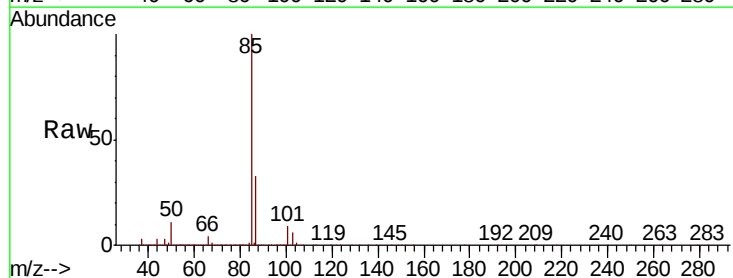
Acq: 19 Dec 2018 07:25

Tgt Ion: 85 Resp: 229600

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

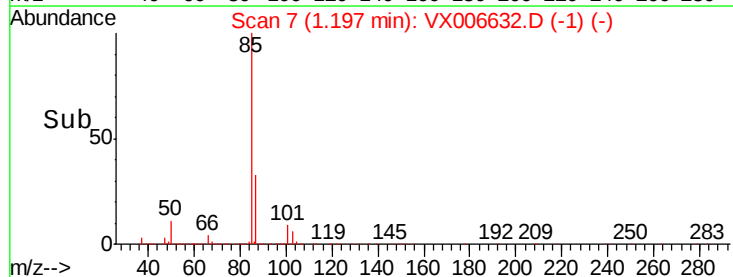
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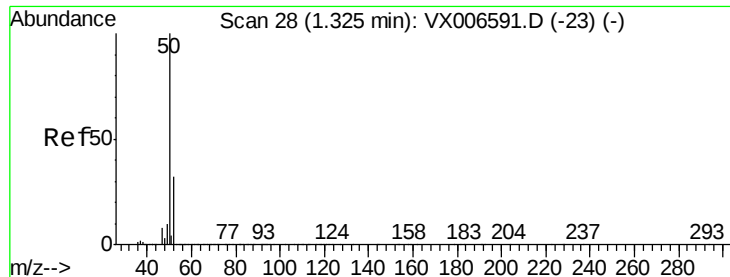
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 54.885 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

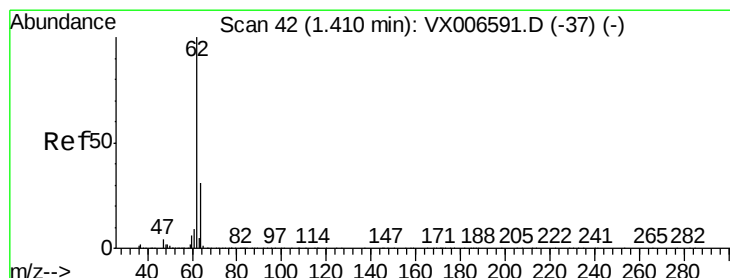
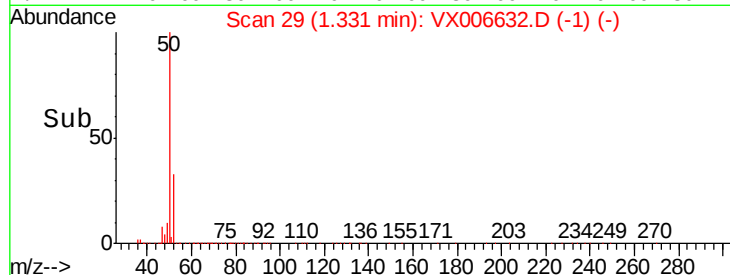
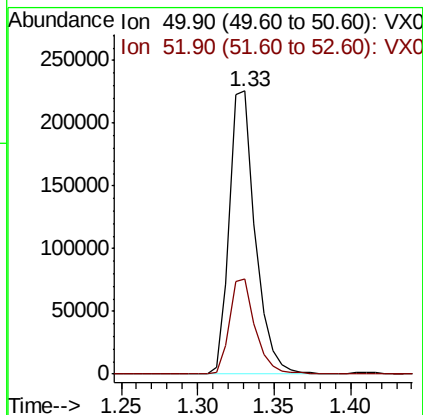
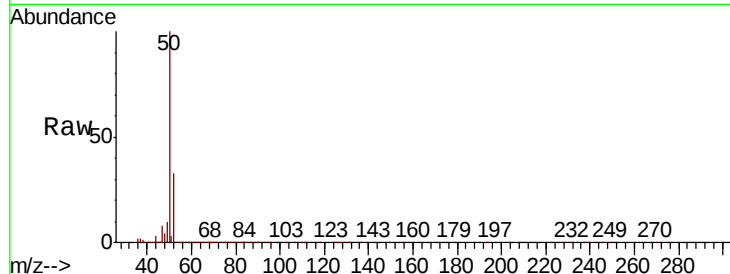
SA.PZ135I-20181208MSD

Tot Ion: 50 Resp: 265263

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 54.324 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006632.D

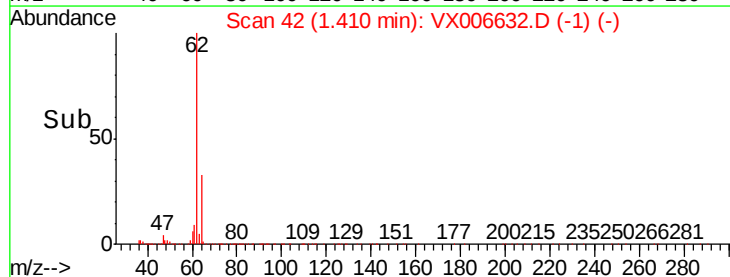
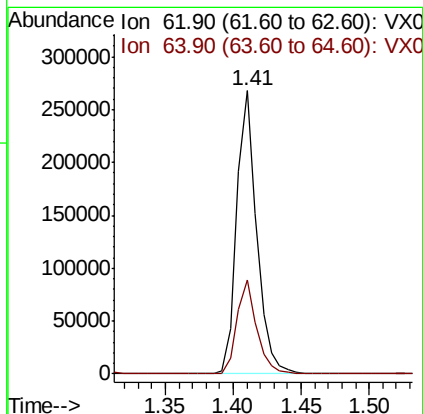
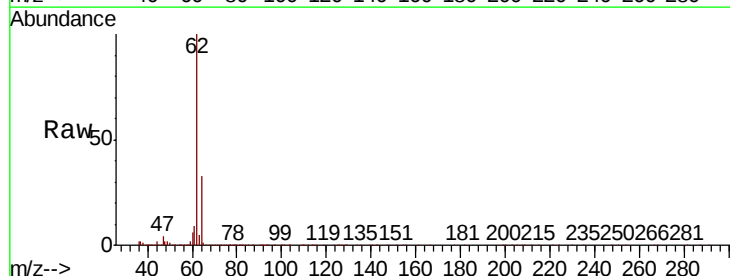
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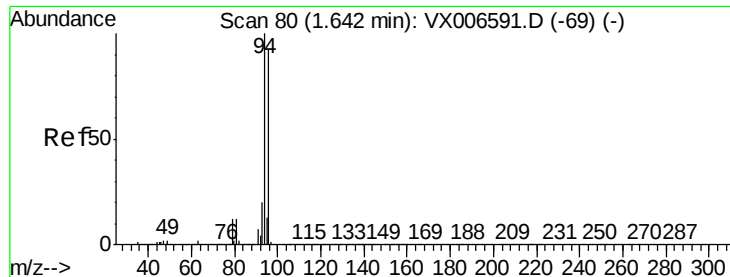
Tgt Ion: 62 Resp: 274215

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 57.394 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

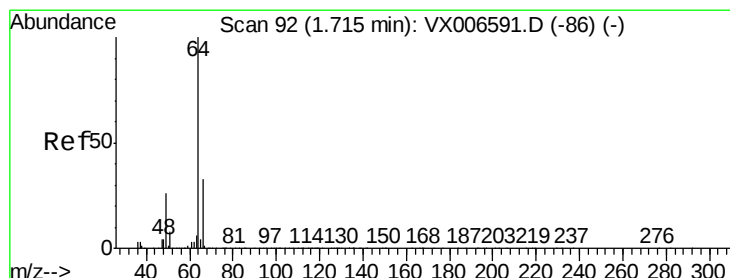
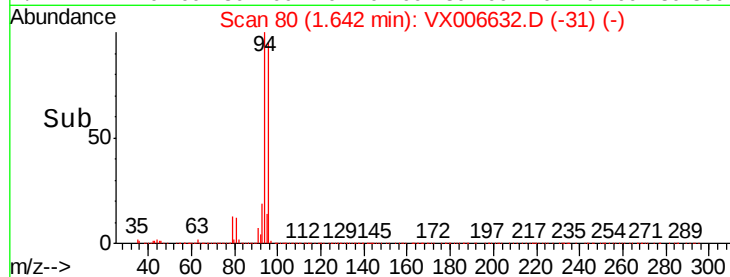
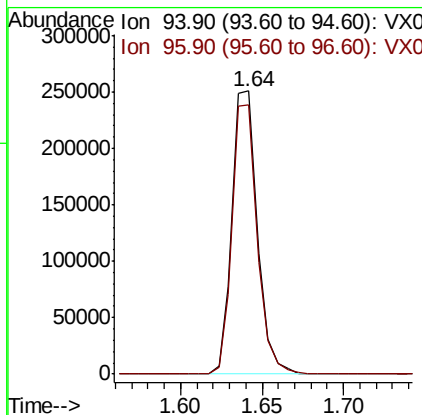
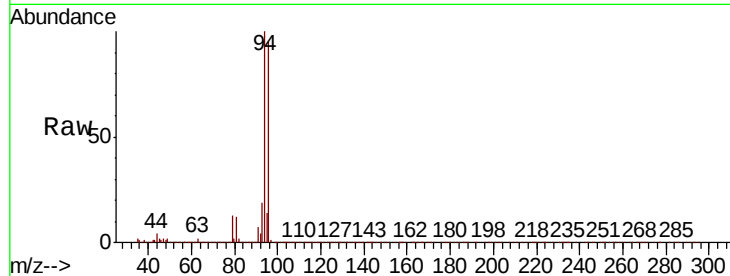
SA.PZ135I-20181208MSD

Tot Ion: 94 Resp: 269022

Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.2



#6

Chloroethane

Concen: 51.534 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006632.D

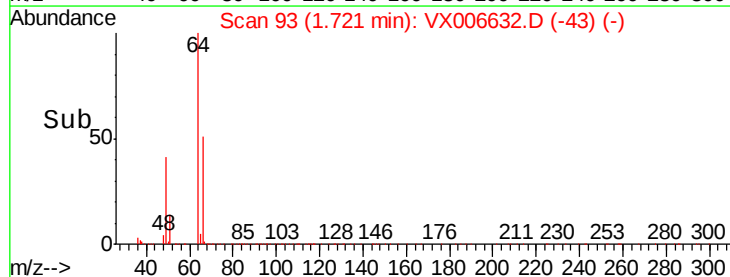
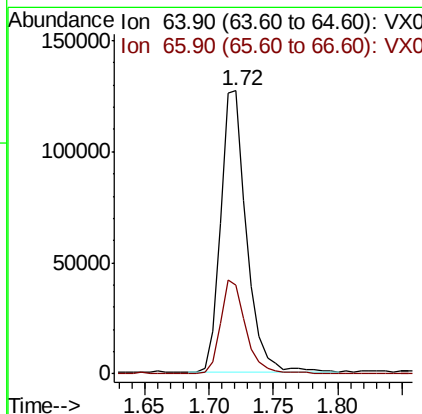
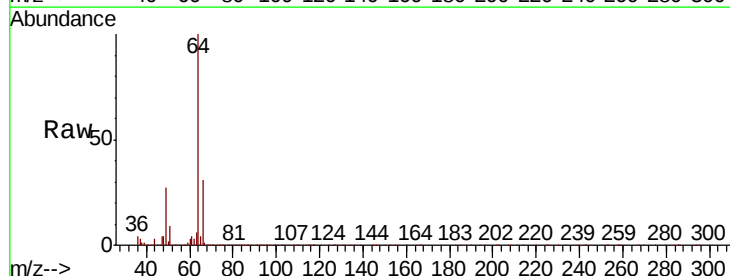
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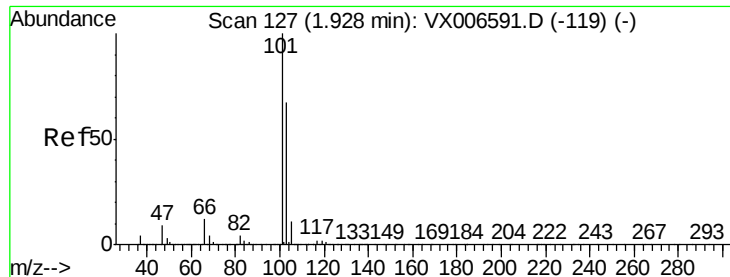
Tgt Ion: 64 Resp: 180118

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6



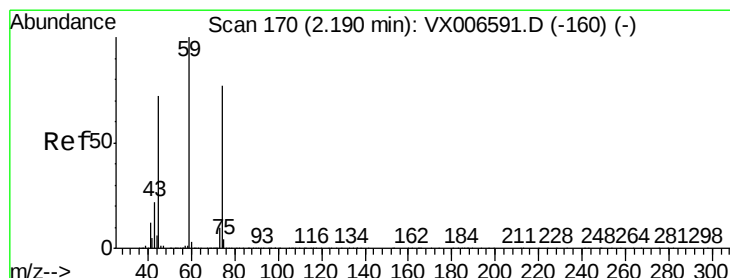
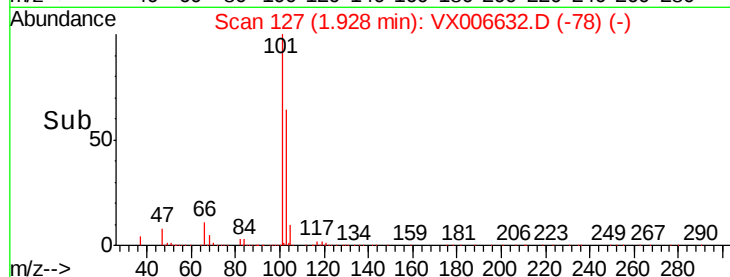
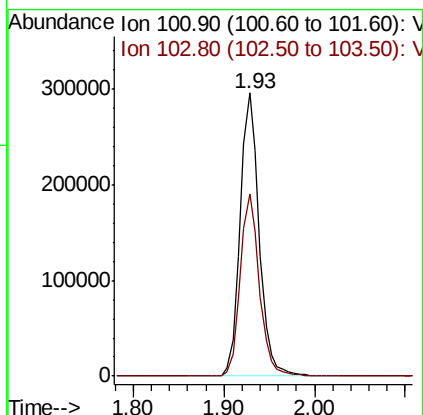
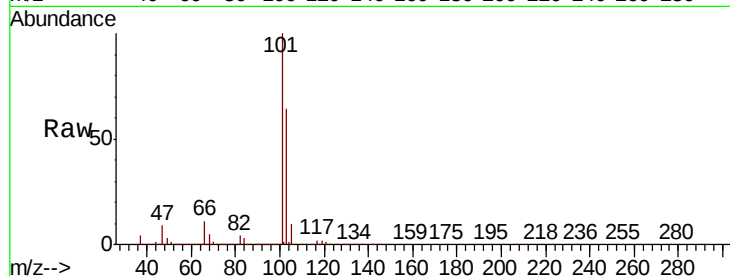


#7

Trichlorofluoromethane
Concen: 54.773 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Instrument :
MSVOA_X
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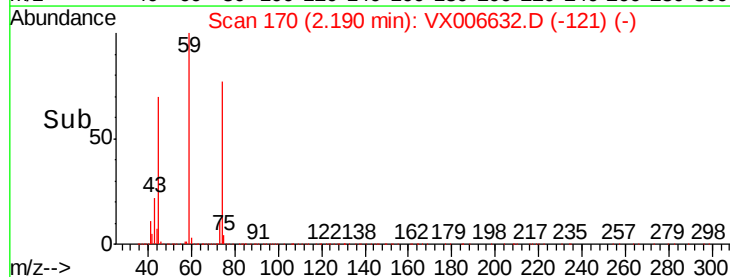
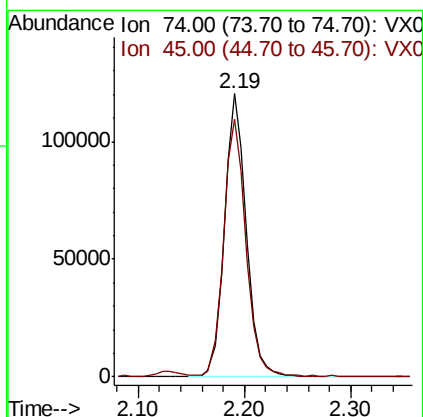
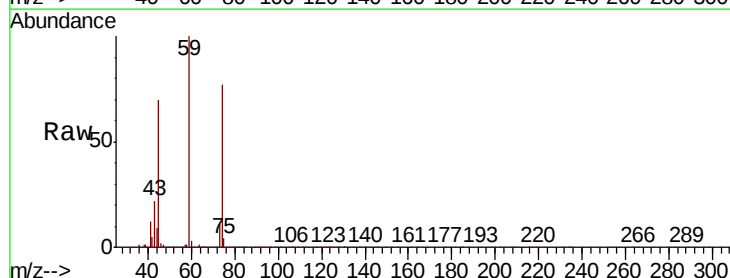
Tot Ion:101 Resp: 431055
Ion Ratio Lower Upper
101 100
103 64.4 53.2 79.8

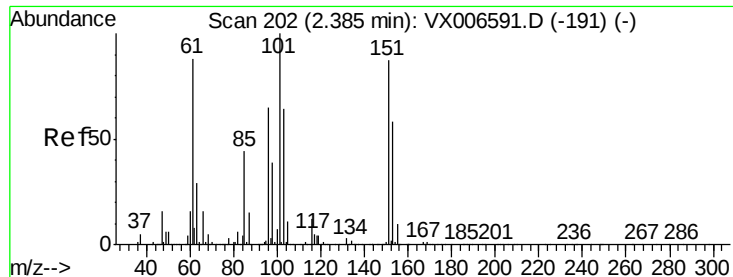


#8

Diethyl Ether
Concen: 54.899 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion: 74 Resp: 171603
Ion Ratio Lower Upper
74 100
45 92.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.692 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

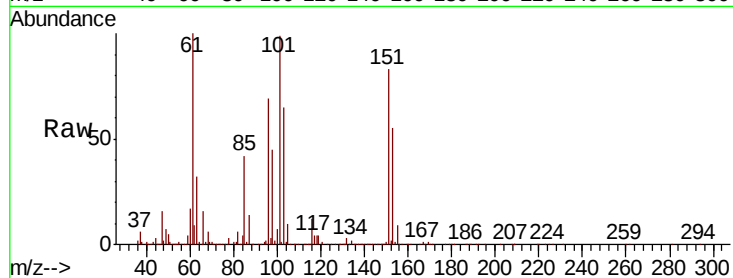
Tot Ion:101 Resp: 234235

Ion Ratio Lower Upper

101 100

85 42.7 35.1 52.7

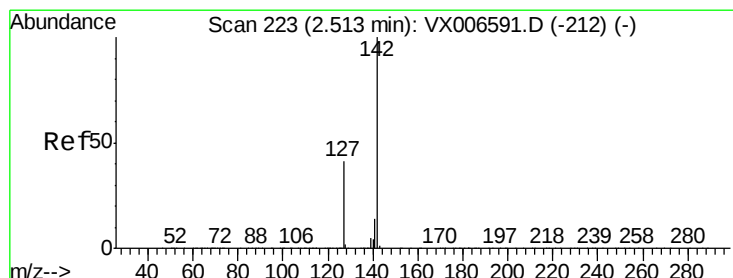
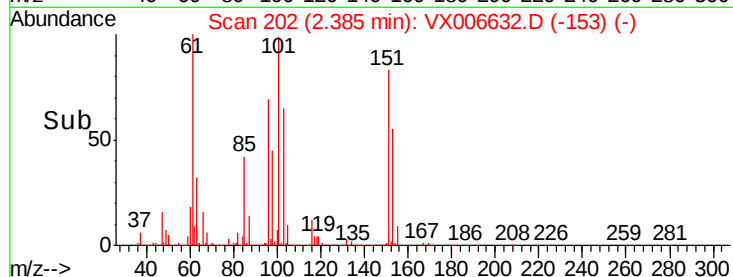
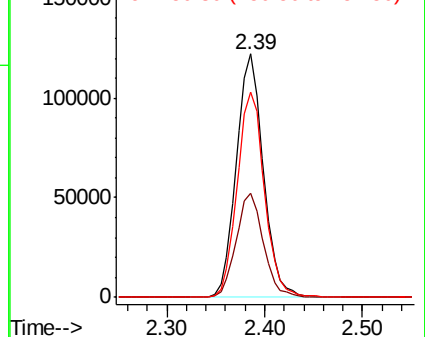
151 85.5 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 60.069 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

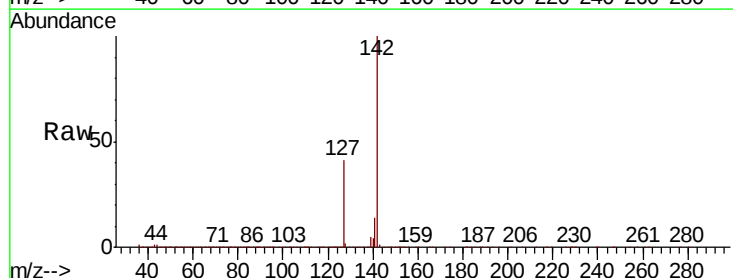
Tgt Ion:142 Resp: 397321

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

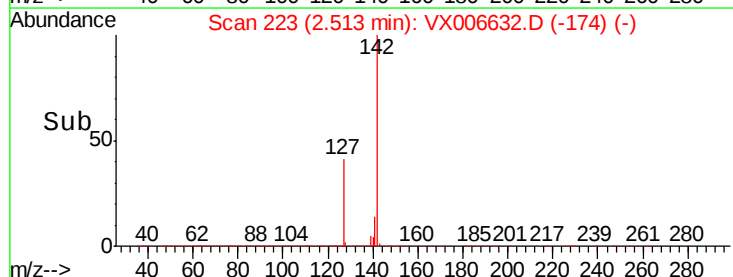
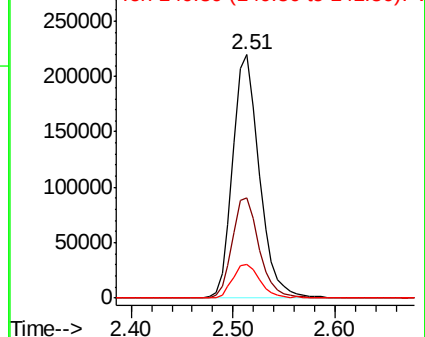
141 14.3 11.4 17.0

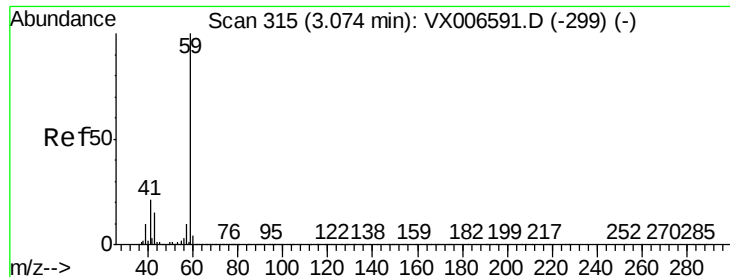


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



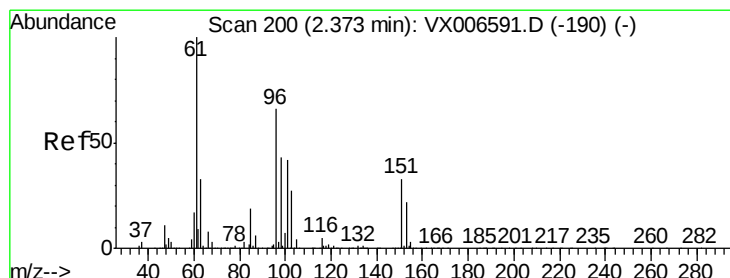
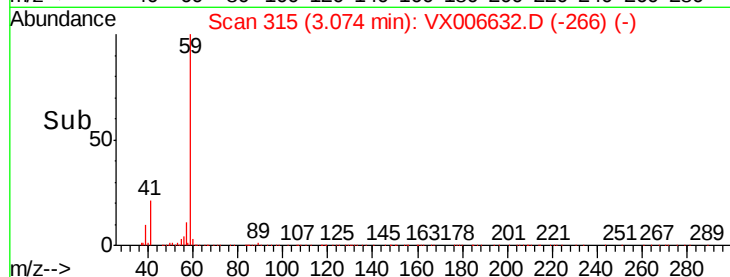
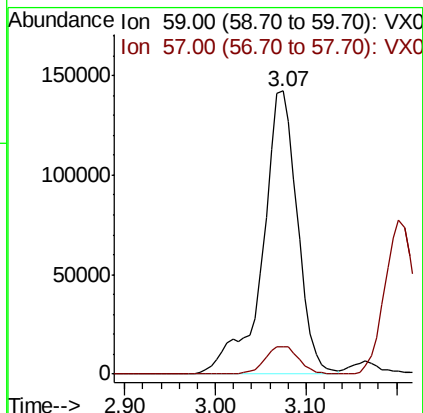
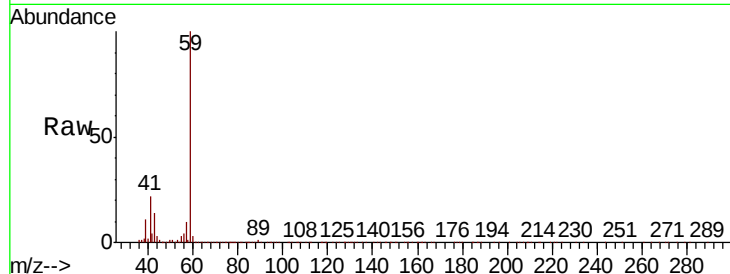


#11

Tert butyl alcohol
 Concen: 321.110 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

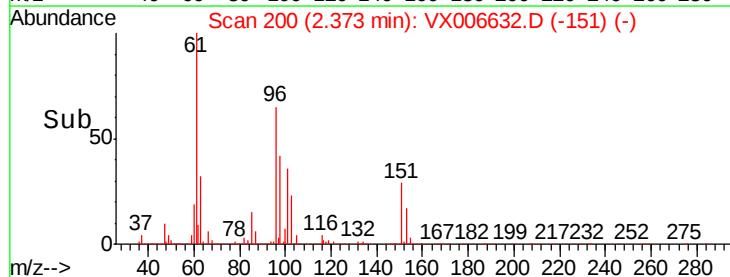
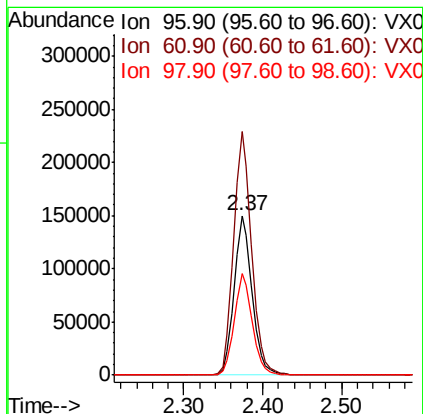
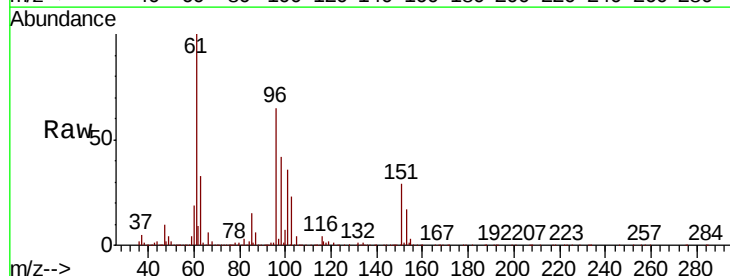
Tot Ion: 59 Resp: 378745
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.5 12.7

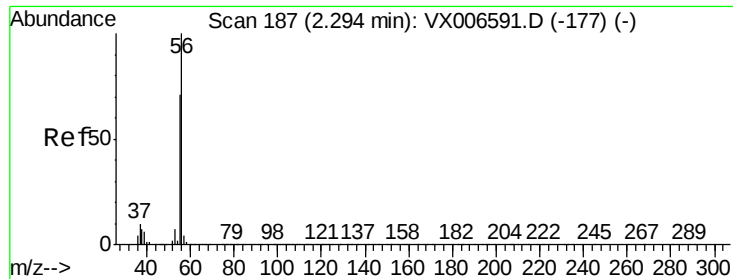


#12

1,1-Dichloroethene
 Concen: 54.289 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion: 96 Resp: 237859
 Ion Ratio Lower Upper
 96 100
 61 152.7 121.4 182.2
 98 63.4 51.9 77.9

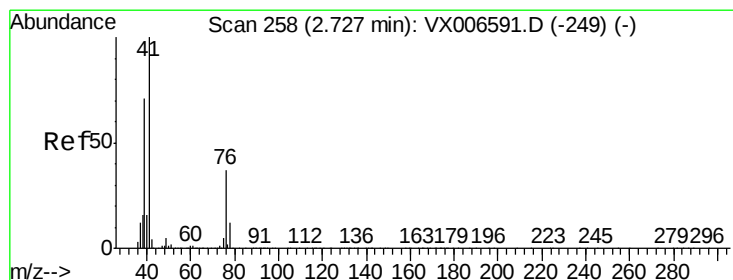
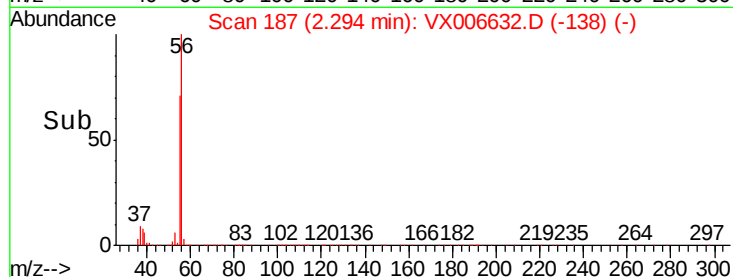
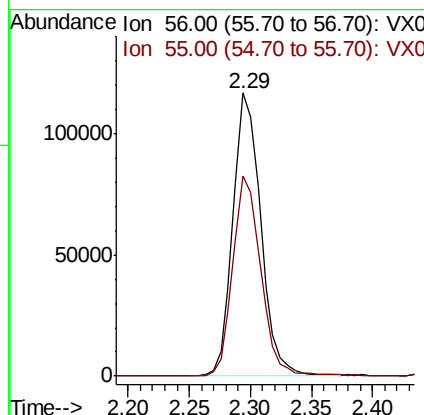
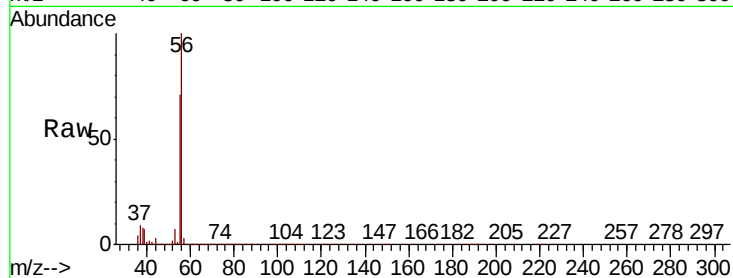




#13
Acrolein
Concen: 230.248 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

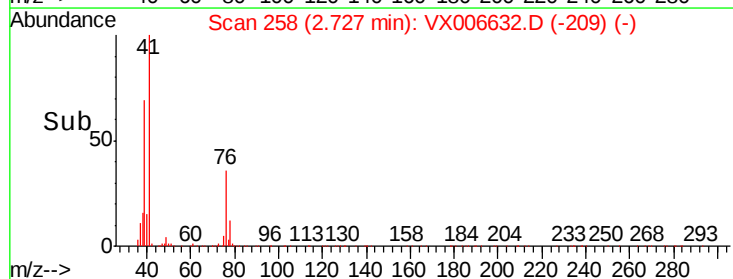
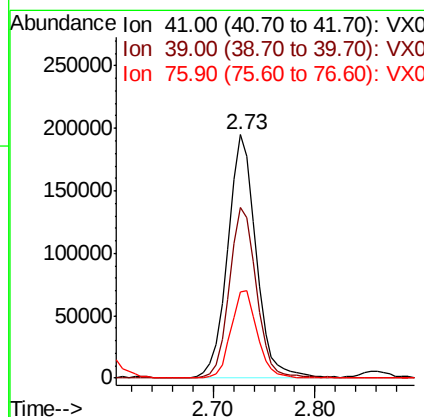
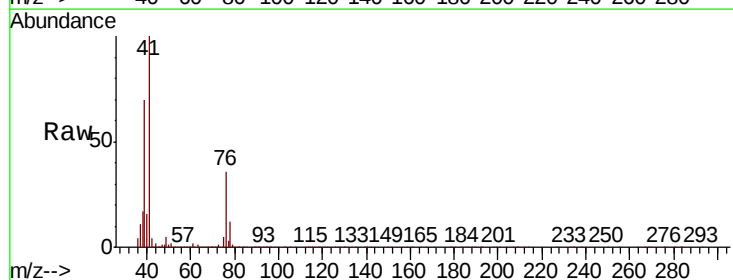
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

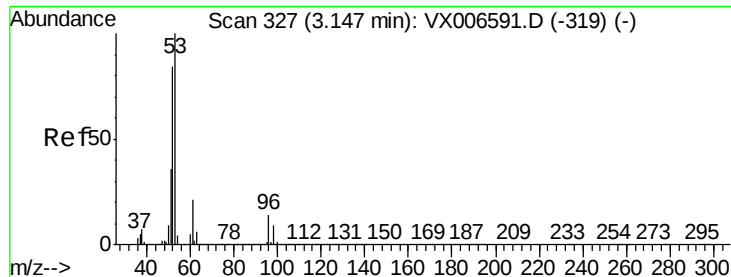
Tot Ion: 56 Resp: 183206
Ion Ratio Lower Upper
56 100
55 71.2 58.2 87.4



#14
Allyl chloride
Concen: 50.556 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion: 41 Resp: 372847
Ion Ratio Lower Upper
41 100
39 66.7 53.6 80.4
76 33.3 27.4 41.2





#15

Acrylonitrile

Concen: 292.280 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

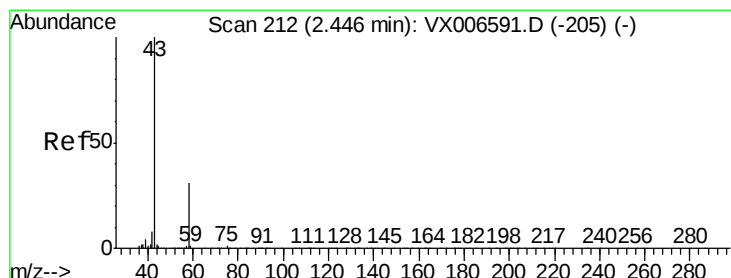
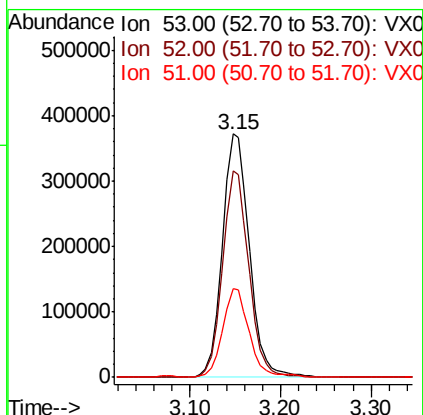
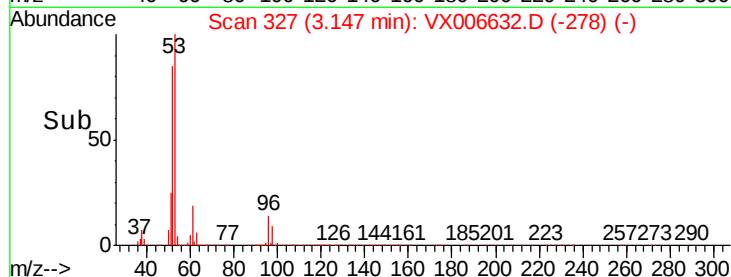
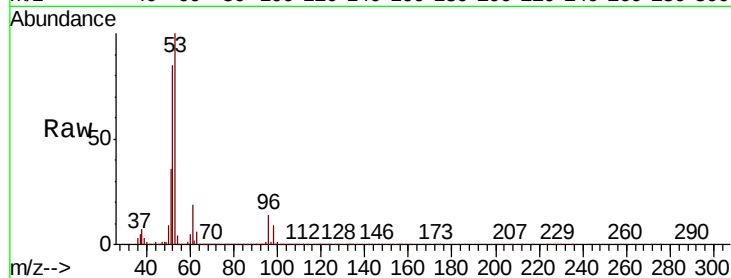
Tot Ion: 53 Resp: 765430

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

51 36.0 28.6 42.8



#16

Acetone

Concen: 266.246 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006632.D

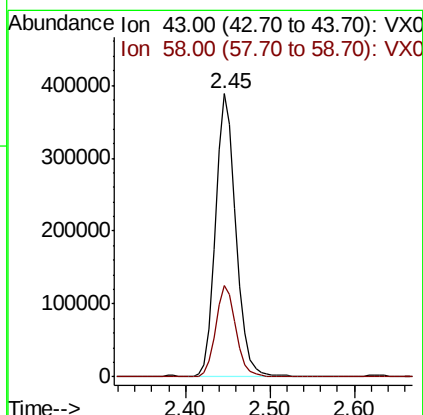
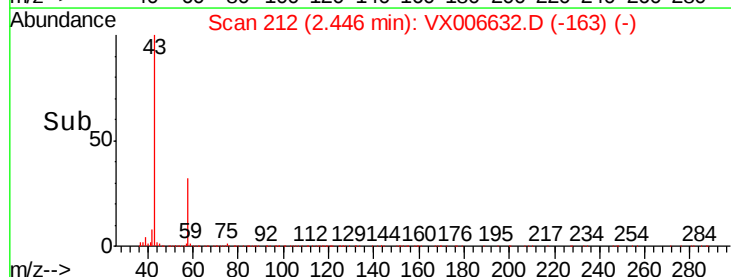
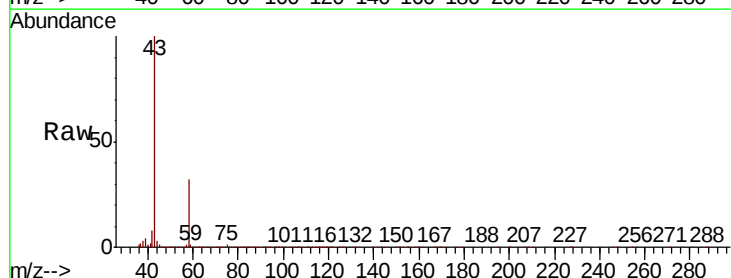
Acq: 19 Dec 2018 07:25

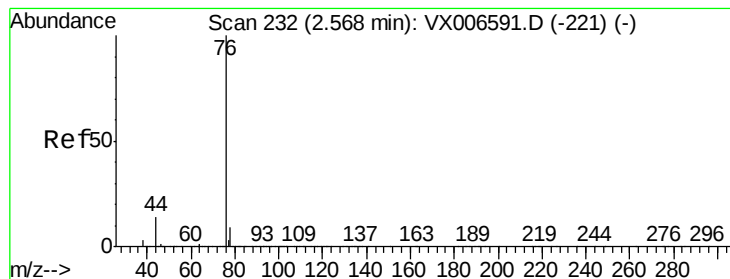
Tgt Ion: 43 Resp: 646480

Ion Ratio Lower Upper

43 100

58 32.2 25.0 37.6





#17

Carbon Disulfide

Concen: 49.124 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

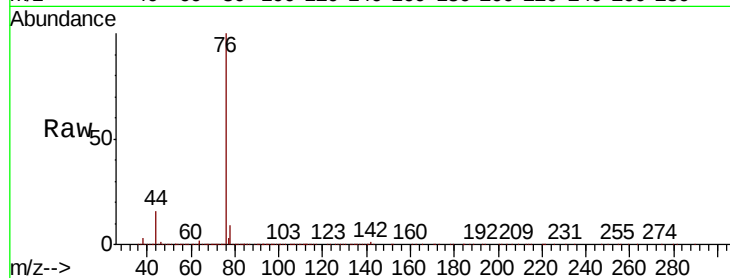
SA.PZ135I-20181208MSD

Tot Ion: 76 Resp: 569585

Ion Ratio Lower Upper

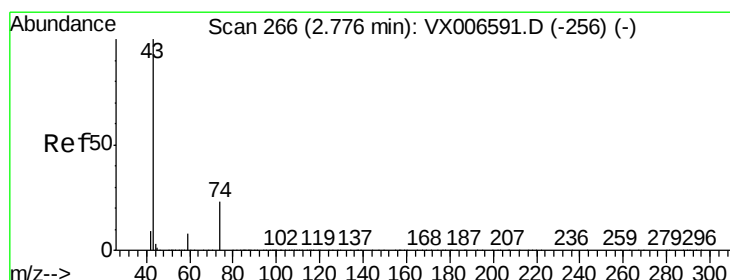
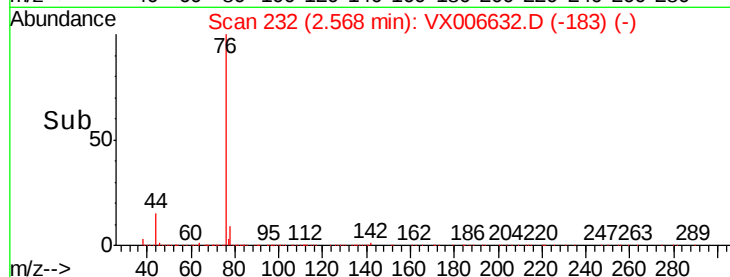
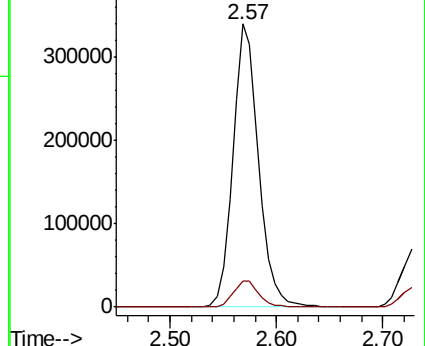
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.587 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006632.D

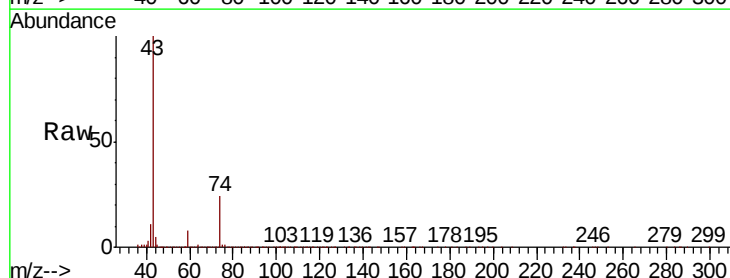
Acq: 19 Dec 2018 07:25

Tgt Ion: 43 Resp: 311208

Ion Ratio Lower Upper

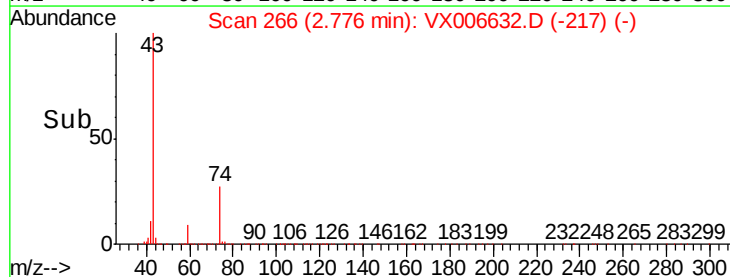
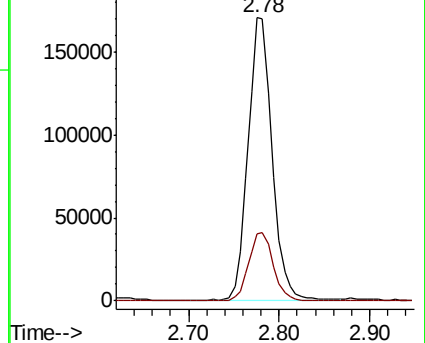
43 100

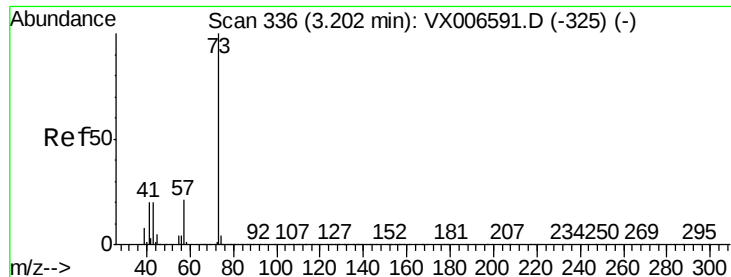
74 24.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



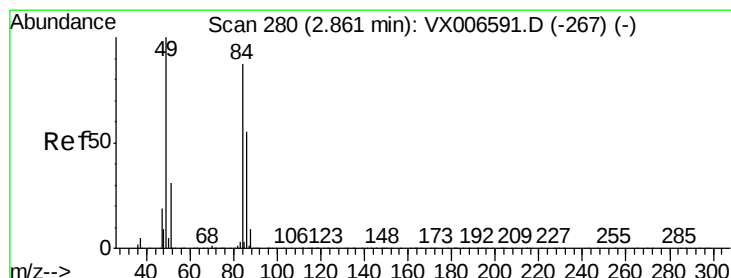
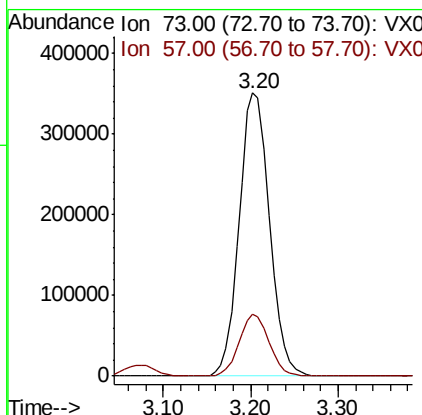
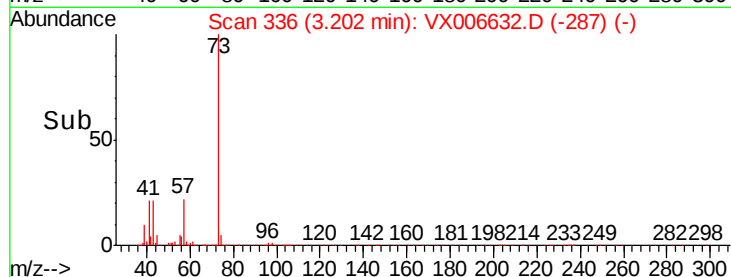
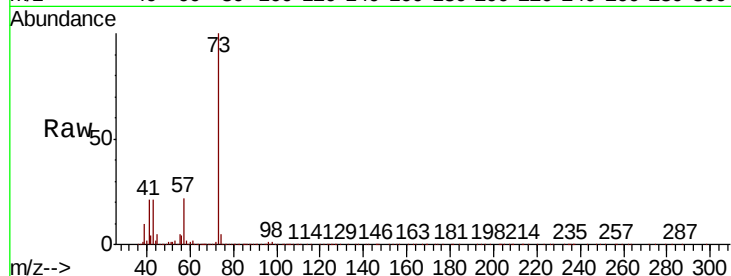


#19

Methyl tert-butyl Ether
 Concen: 58.090 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

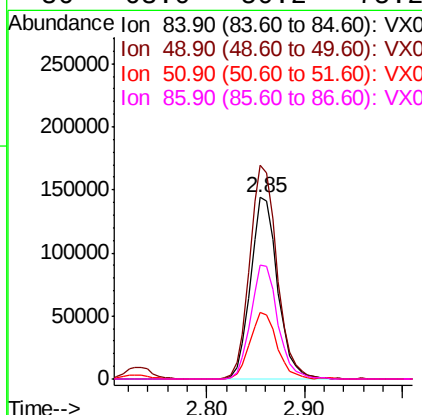
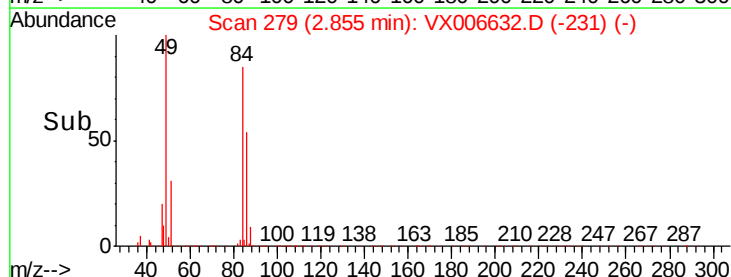
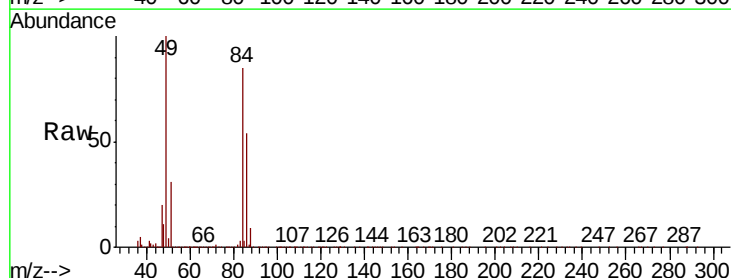
Tot Ion: 73 Resp: 844739
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

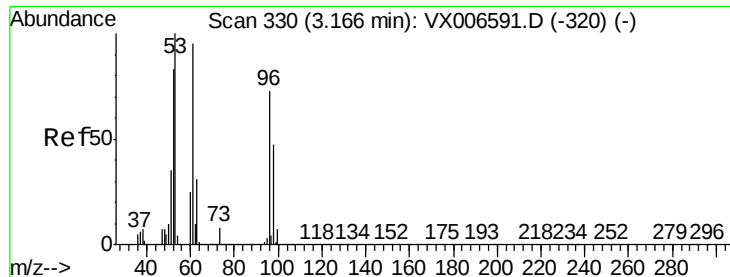


#20

Methylene Chloride
 Concen: 55.306 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion: 84 Resp: 277691
 Ion Ratio Lower Upper
 84 100
 49 117.5 91.8 137.6
 51 36.3 28.5 42.7
 86 63.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 52.622 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

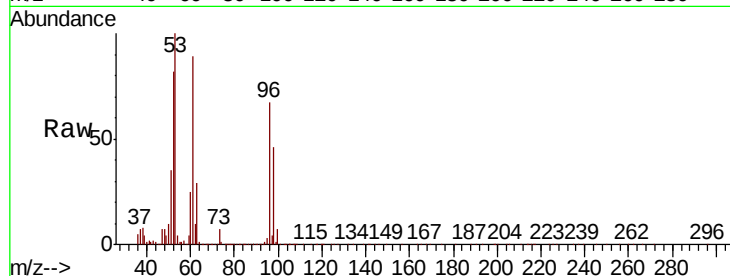
Tot Ion: 96 Resp: 255458

Ion Ratio Lower Upper

96 100

61 132.0 103.7 155.5

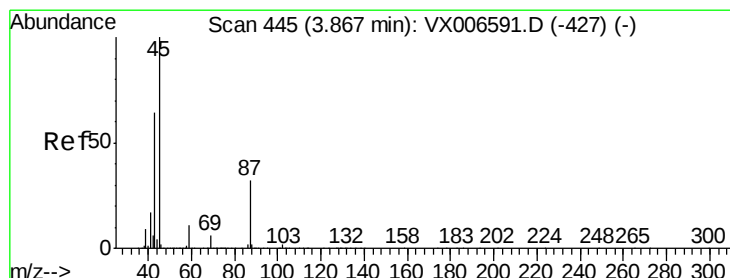
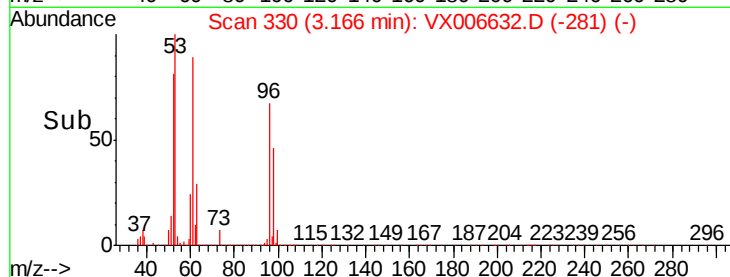
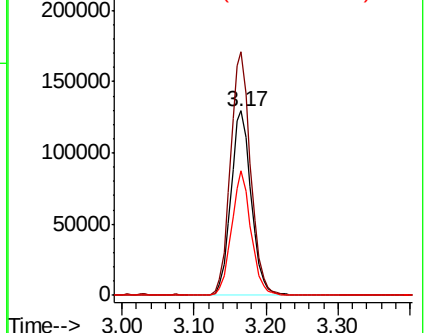
98 67.8 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.085 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Tgt Ion: 45 Resp: 770183

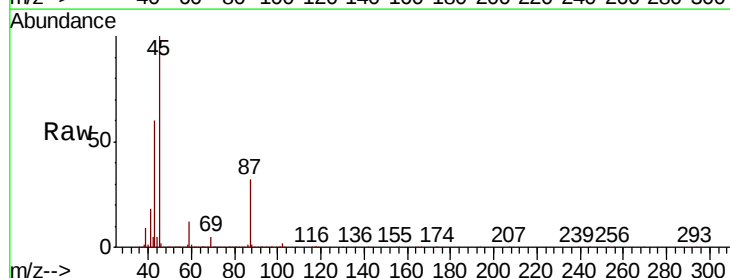
Ion Ratio Lower Upper

45 100

43 59.6 51.2 76.8

87 32.0 25.8 38.6

59 12.0 9.0 13.4

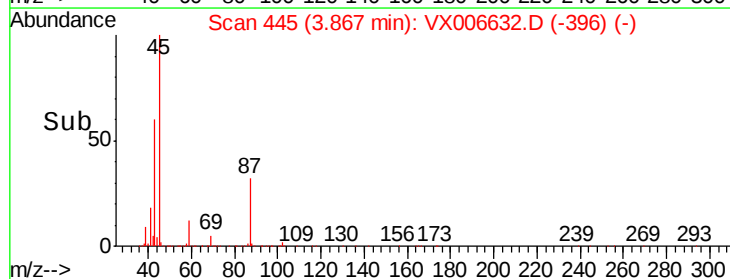
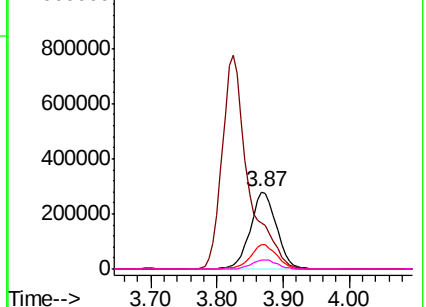


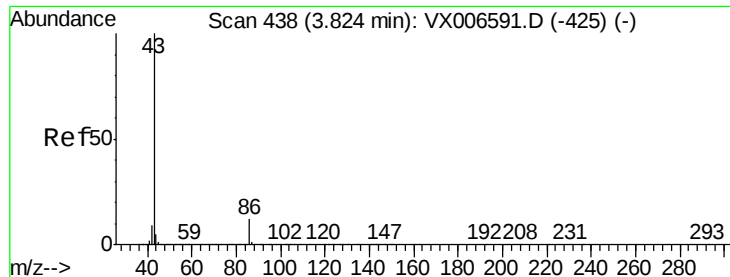
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 192.689 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

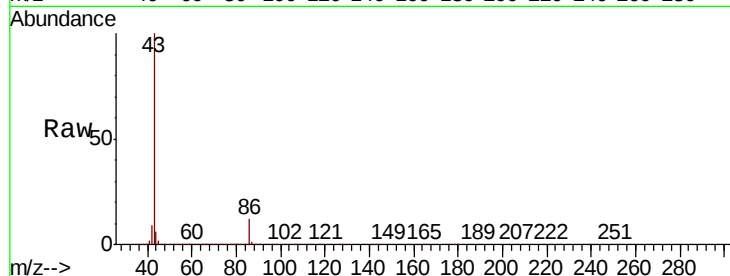
SA.PZ135I-20181208MSD

Tot Ion: 43 Resp: 2126516

Ion Ratio Lower Upper

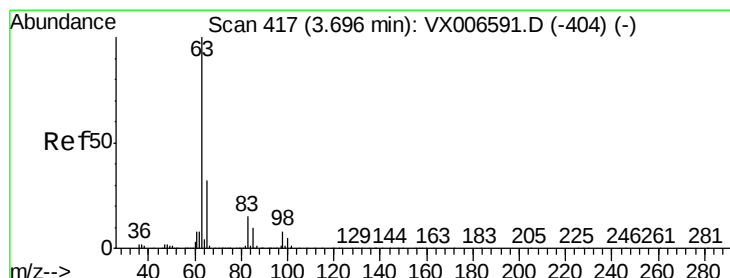
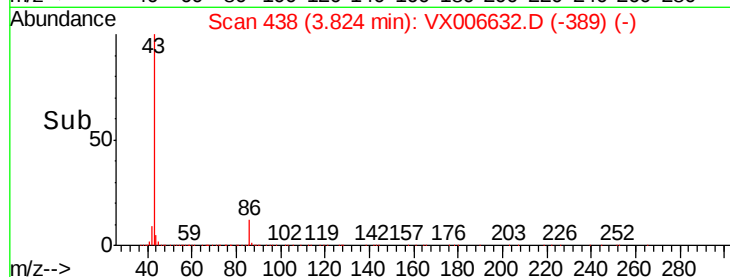
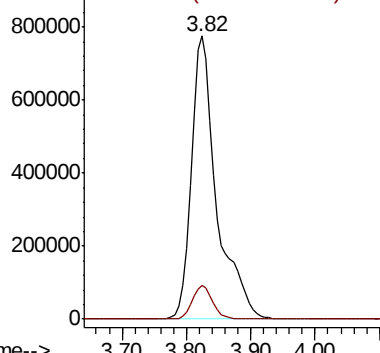
43 100

86 11.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.631 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

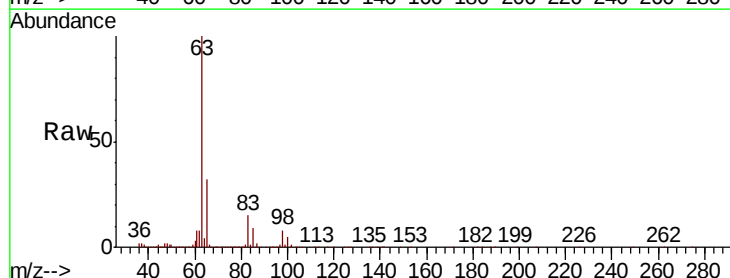
Tgt Ion: 63 Resp: 448054

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

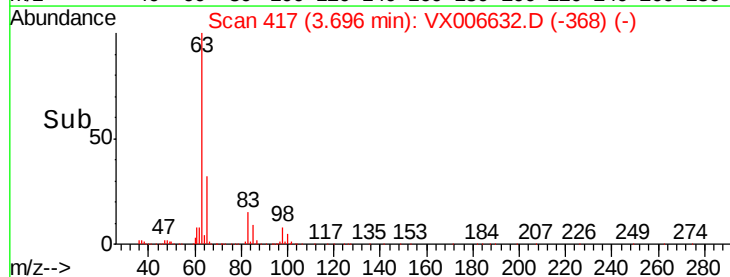
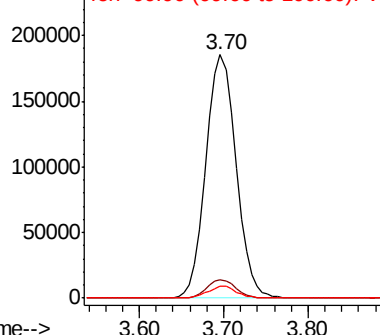
100 5.1 2.4 7.2

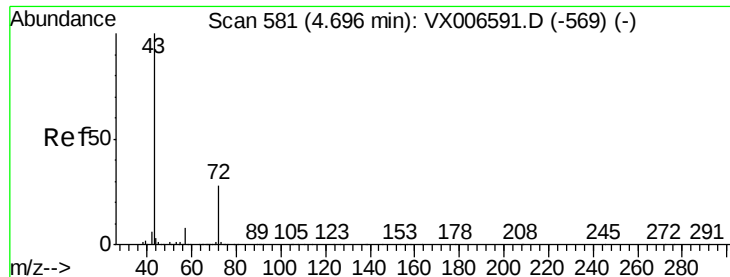


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 277.745 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

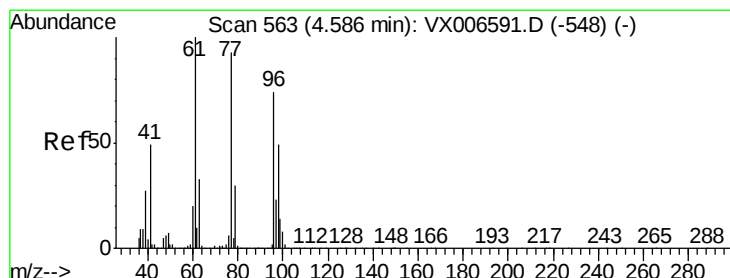
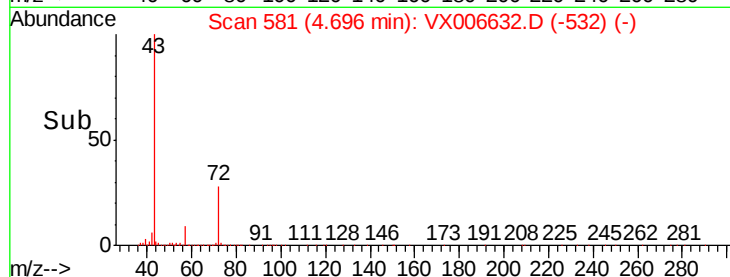
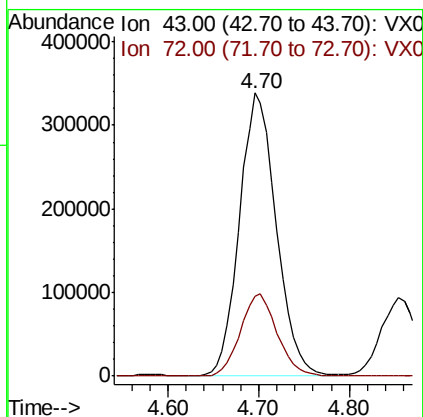
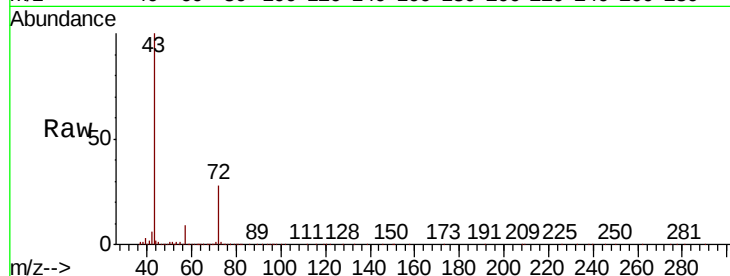
SA.PZ135I-20181208MSD

Tot Ion: 43 Resp: 948629

Ion Ratio Lower Upper

43 100

72 28.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 19.919 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006632.D

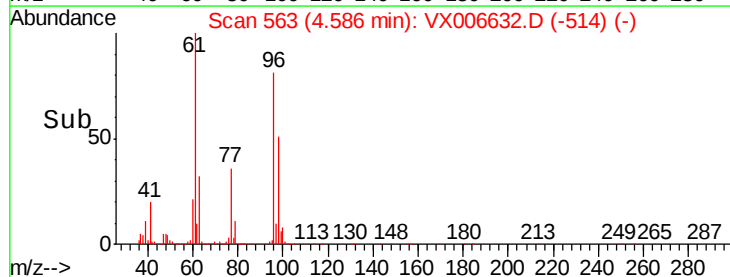
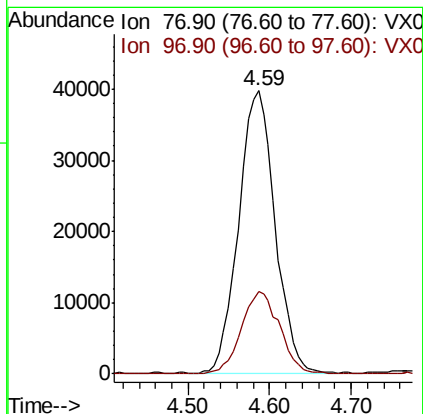
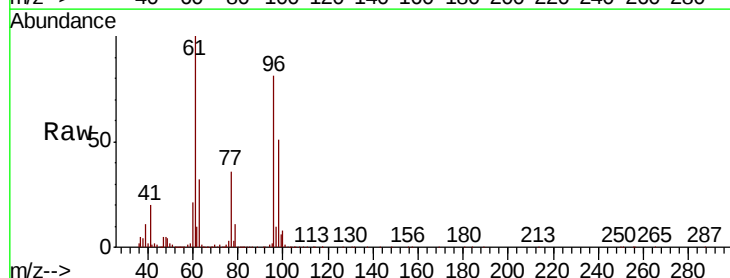
Acq: 19 Dec 2018 07:25

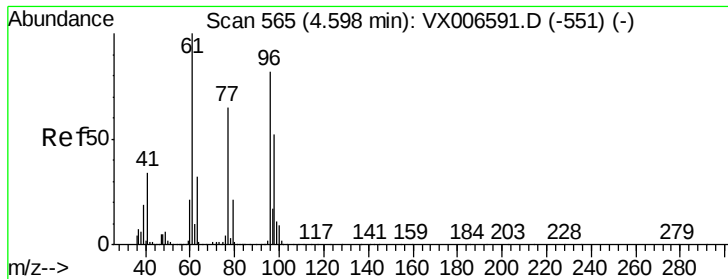
Tgt Ion: 77 Resp: 123923

Ion Ratio Lower Upper

77 100

97 30.4 12.4 37.4



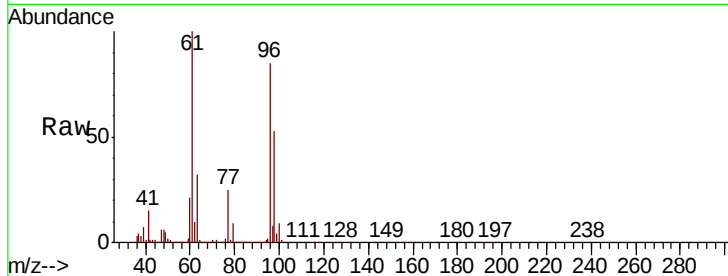


#27

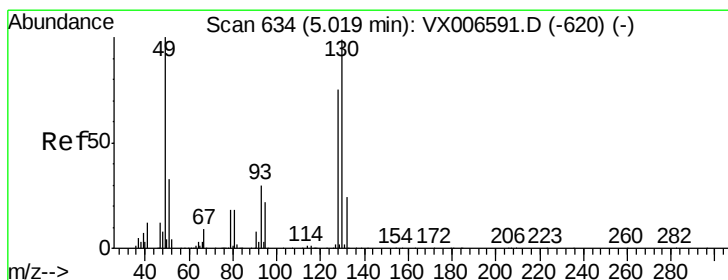
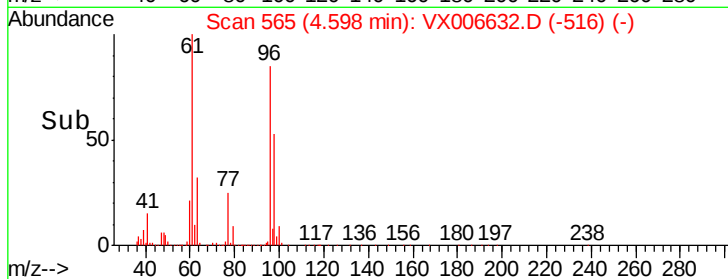
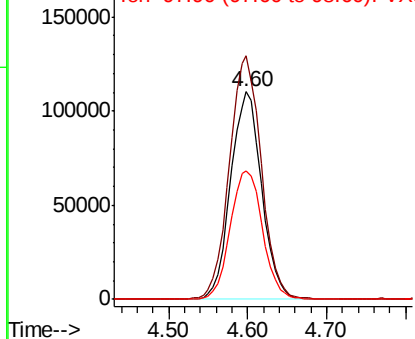
cis-1,2-Dichloroethene
 Concen: 56.347 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.3	0.0	258.6
98	64.5	0.0	132.0



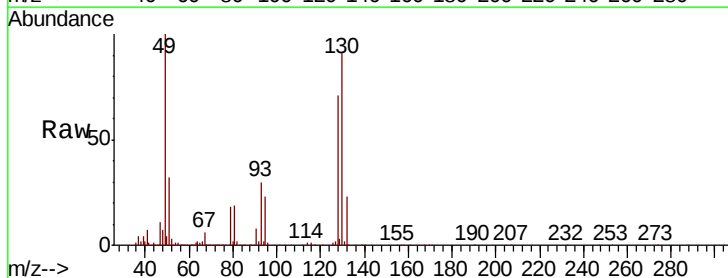
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



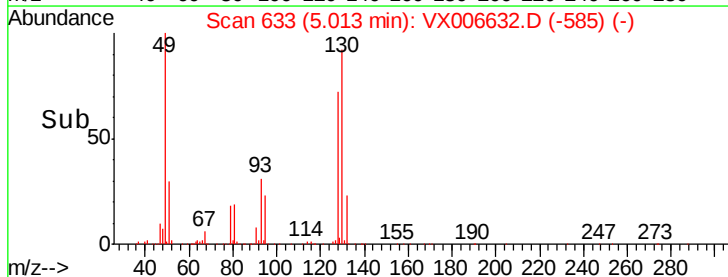
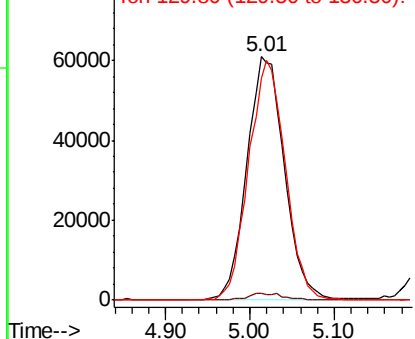
#28

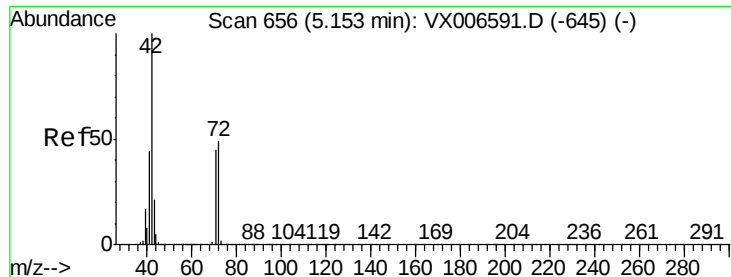
Bromochloromethane
 Concen: 54.654 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	96.2	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

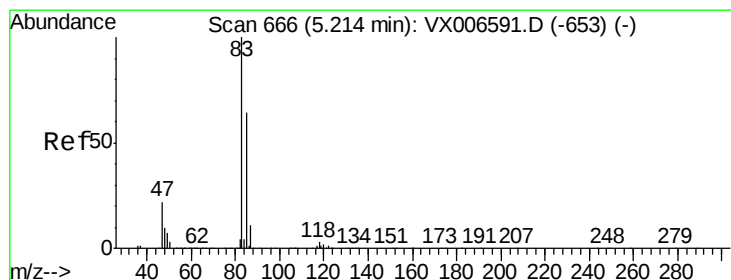
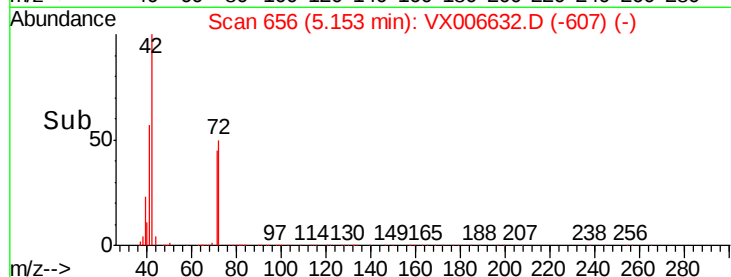
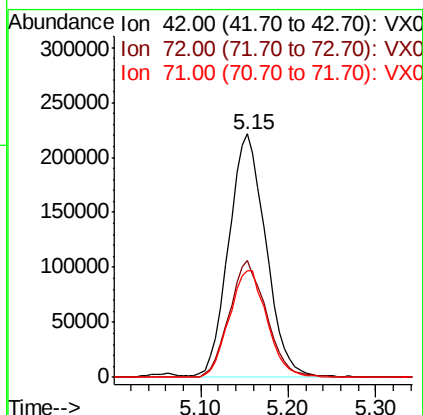
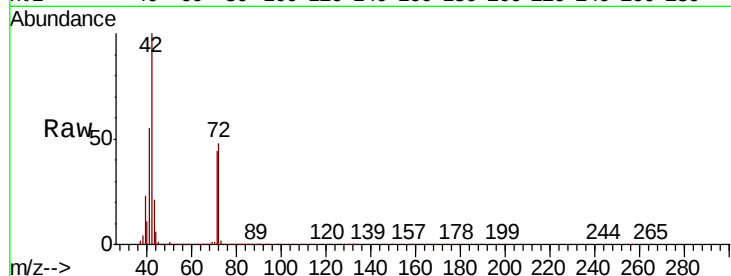




#29
Tetrahydrofuran
Concen: 287.972 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

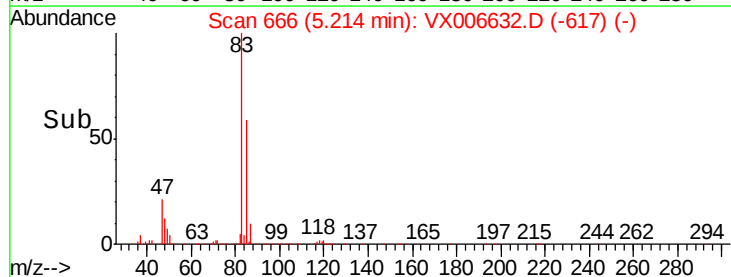
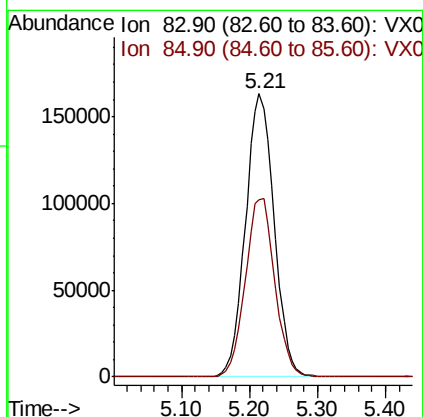
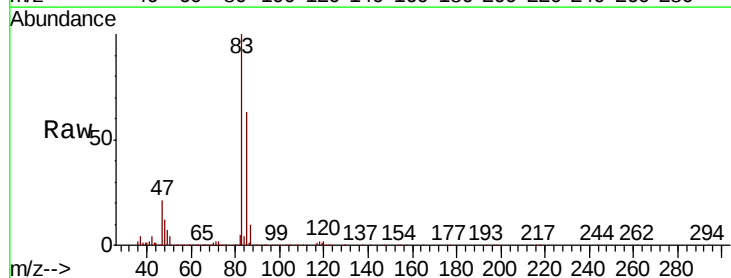
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

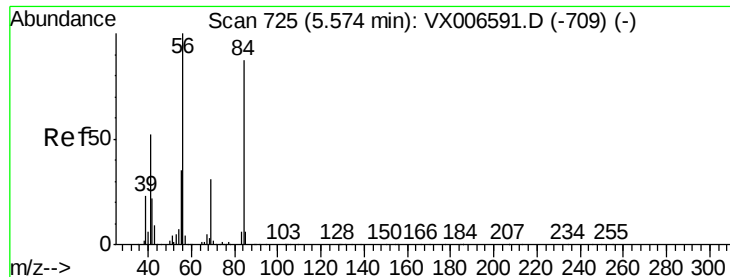
Tot Ion: 42 Resp: 647805
Ion Ratio Lower Upper
42 100
72 48.5 38.9 58.3
71 45.2 36.2 54.4



#30
Chloroform
Concen: 57.320 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion: 83 Resp: 478074
Ion Ratio Lower Upper
83 100
85 62.6 51.2 76.8

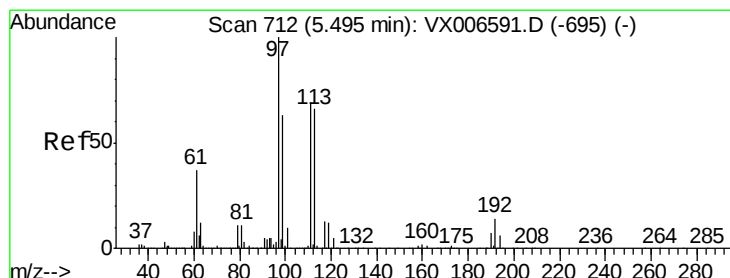
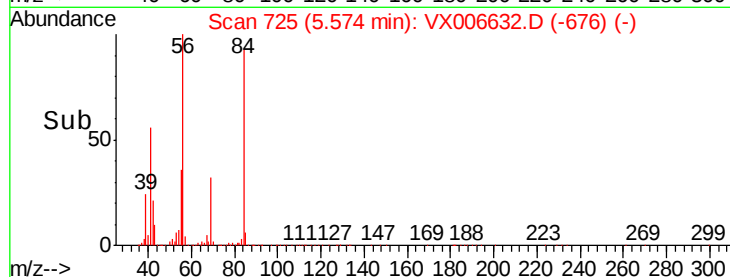
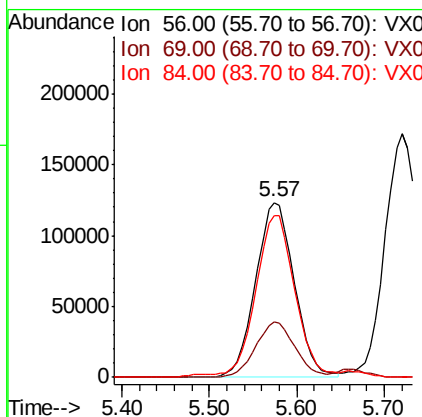
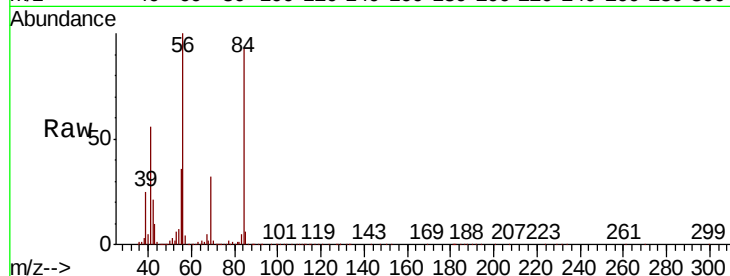




#31
Cyclohexane
Concen: 51.886 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

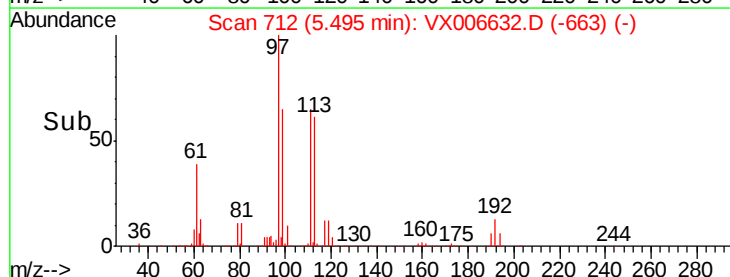
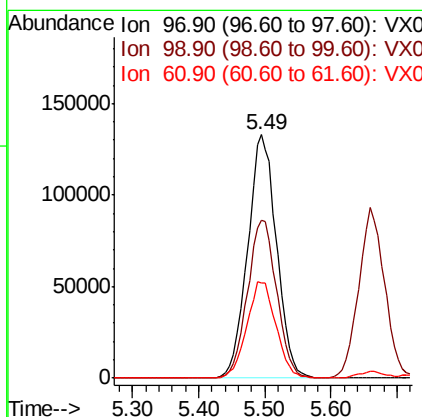
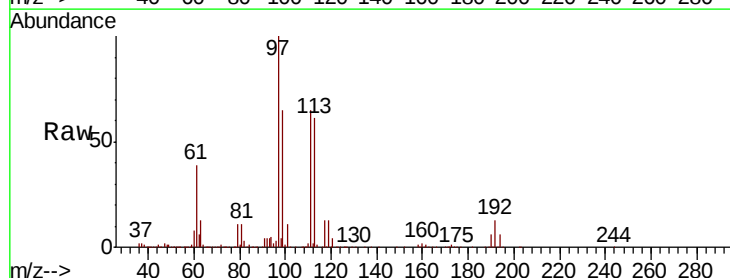
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

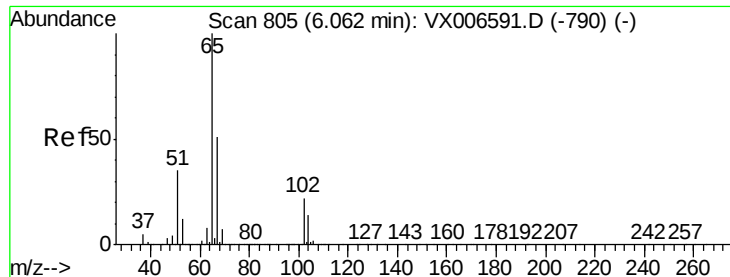
Tot Ion: 56 Resp: 379647
Ion Ratio Lower Upper
56 100
69 32.1 24.4 36.6
84 91.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 57.310 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion: 97 Resp: 403606
Ion Ratio Lower Upper
97 100
99 65.5 51.7 77.5
61 39.9 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.904 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

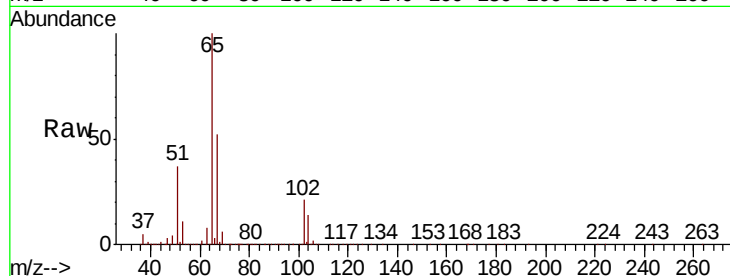
SA.PZ135I-20181208MSD

Tot Ion: 65 Resp: 274317

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

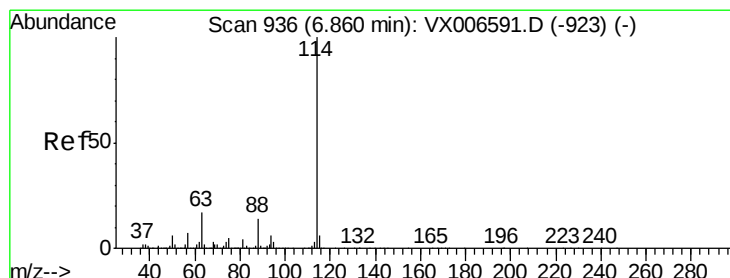
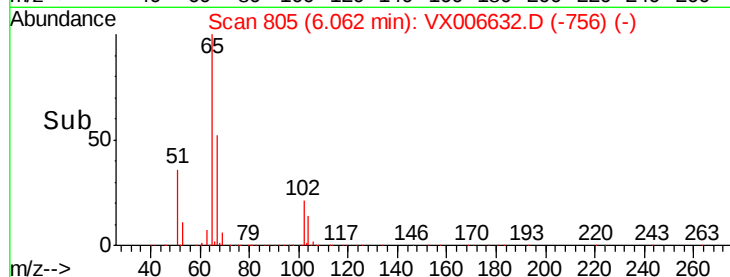
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

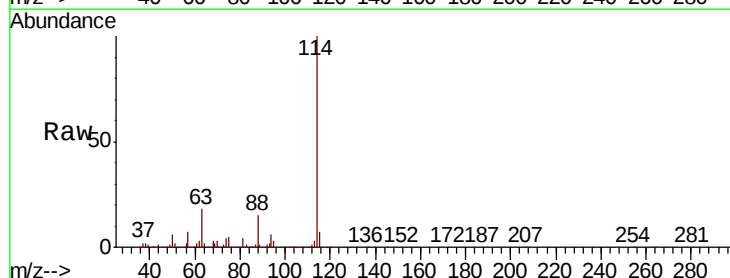
Tgt Ion: 114 Resp: 809899

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

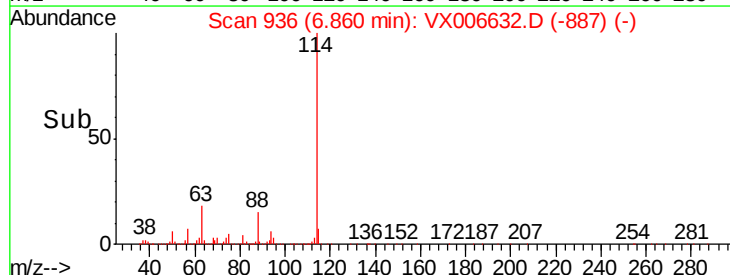
300000

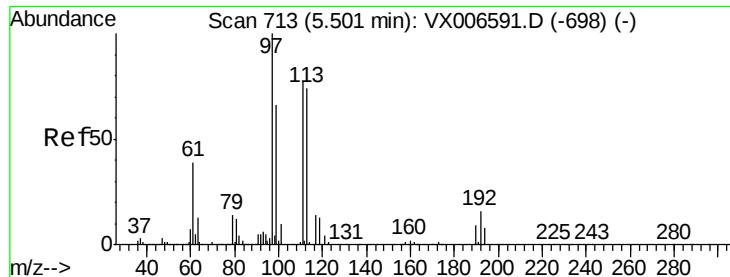
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.252 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

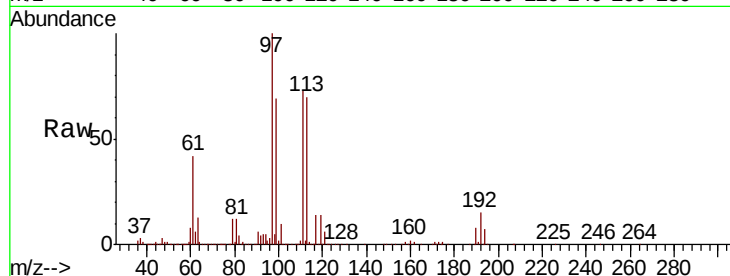
Tot Ion:113 Resp: 252254

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

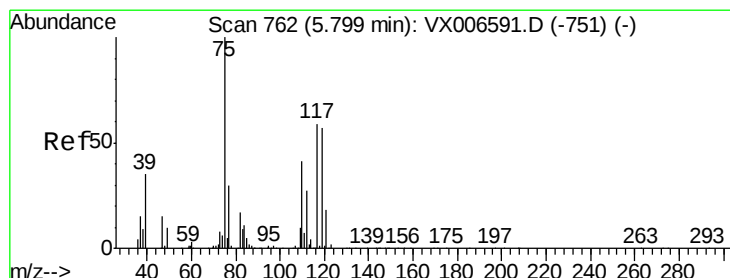
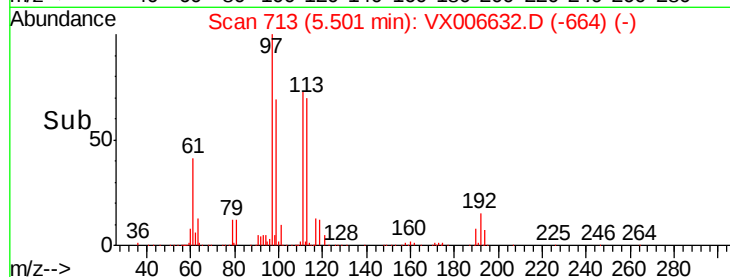
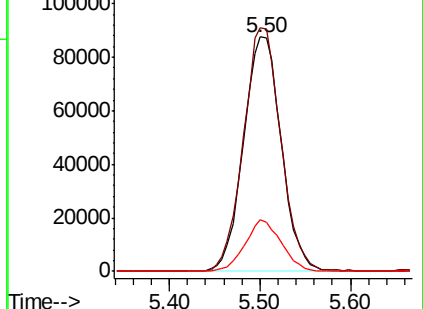
192 21.2 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.874 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

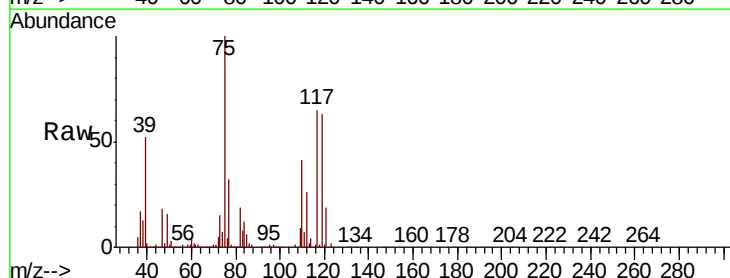
Tgt Ion: 75 Resp: 341256

Ion Ratio Lower Upper

75 100

110 40.1 20.2 60.5

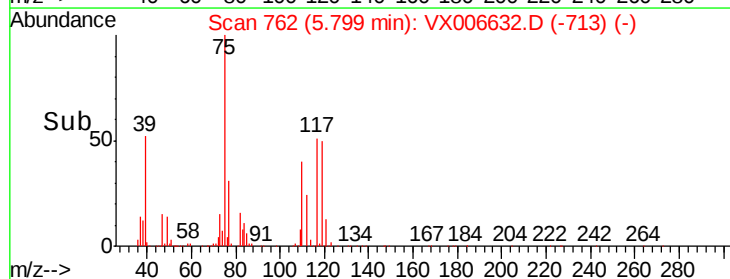
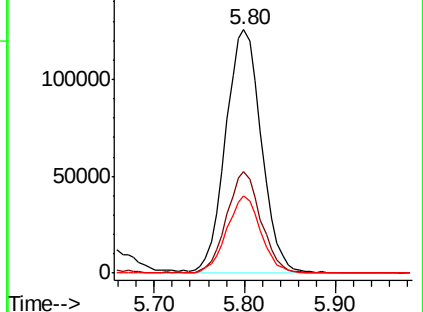
77 30.4 24.8 37.2

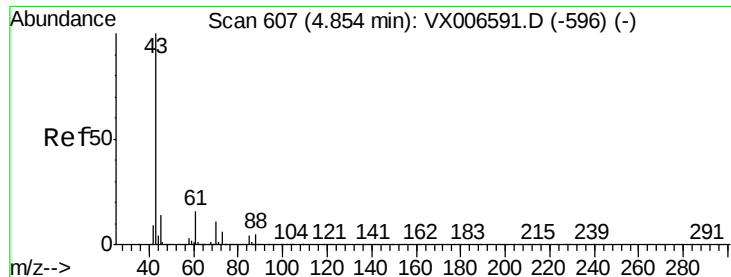


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

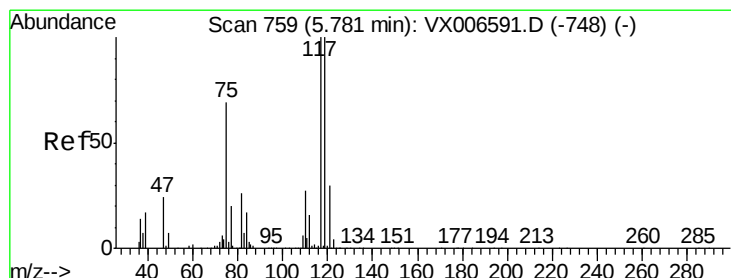
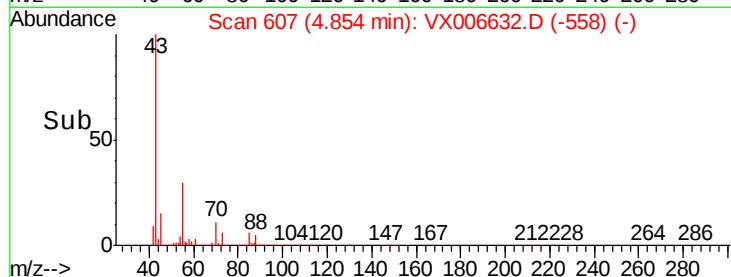
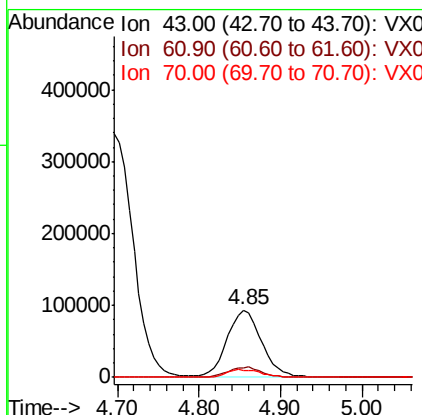
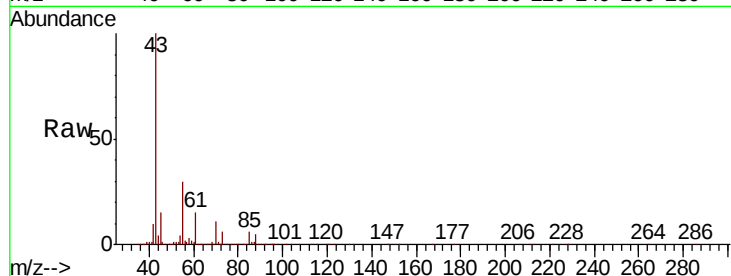




#37
Ethyl Acetate
Concen: 38.831 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

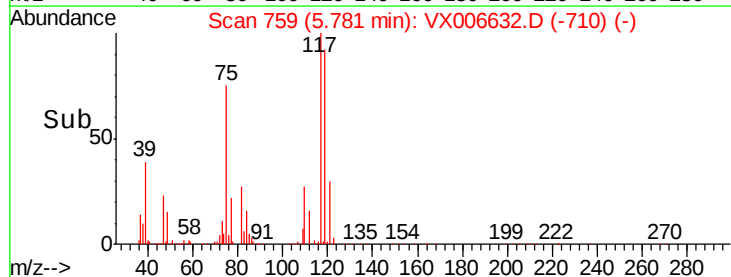
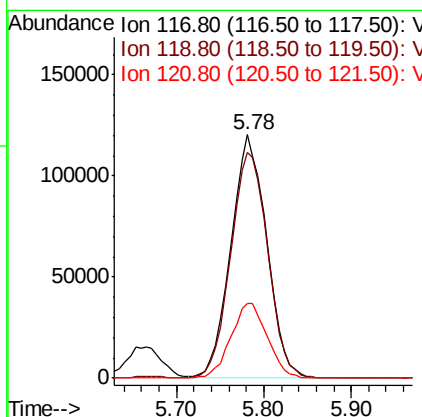
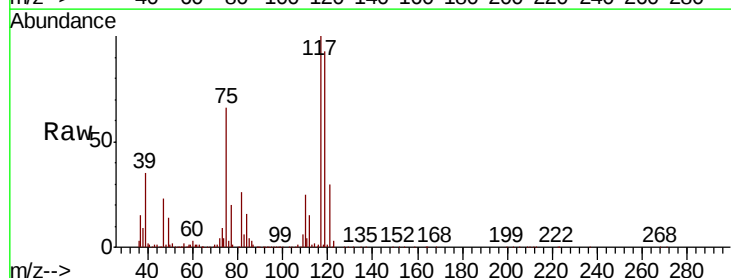
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

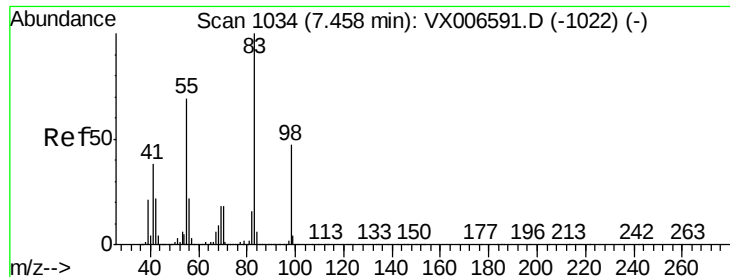
Tot Ion: 43 Resp: 271101
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 52.348 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion: 117 Resp: 341254
Ion Ratio Lower Upper
117 100
119 92.6 79.4 119.2
121 30.4 24.0 36.0

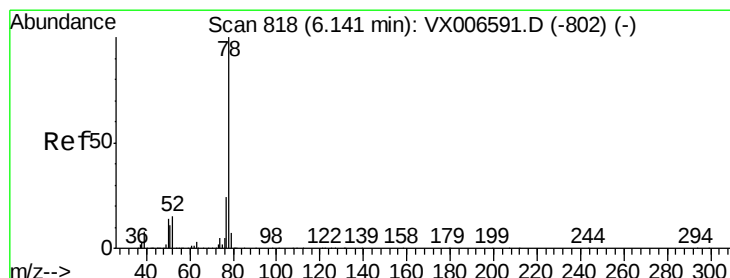
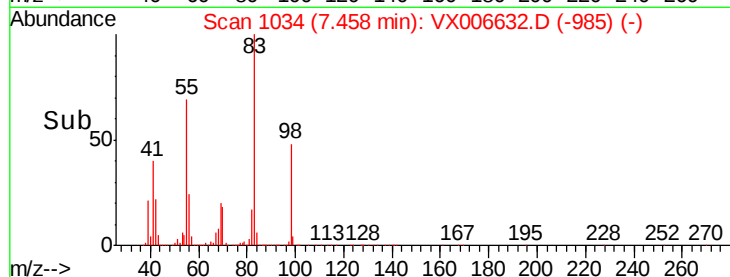
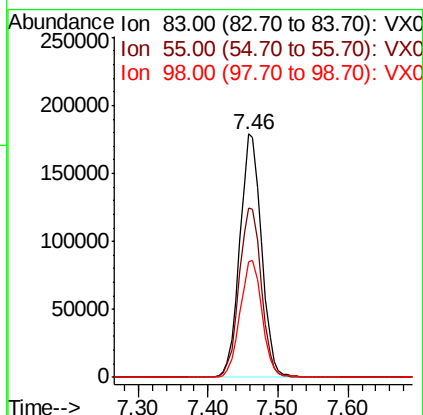
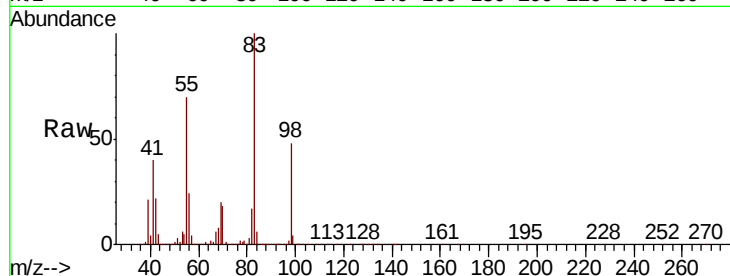




#39
Methvlcvclohexane
Concen: 43.780 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

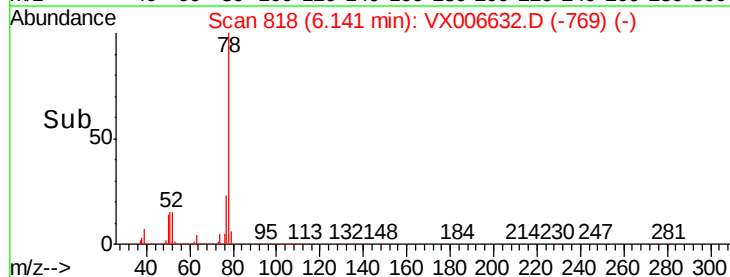
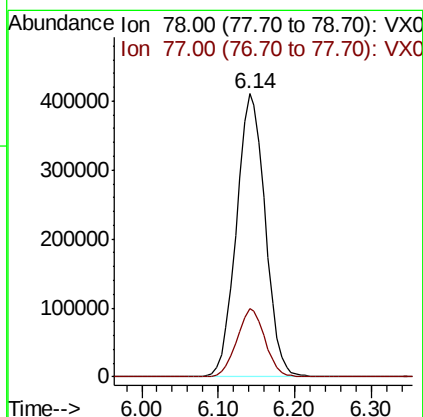
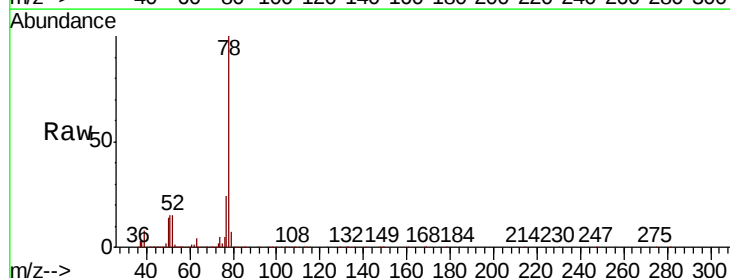
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

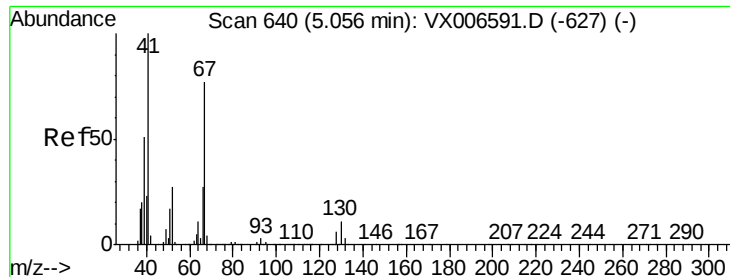
Tot Ion: 83 Resp: 386622
Ion Ratio Lower Upper
83 100
55 69.5 54.9 82.3
98 47.6 37.9 56.9



#40
Benzene
Concen: 52.467 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion: 78 Resp: 1069783
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8





#41

Methacrylonitrile

Concen: 56.235 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

Tot Ion: 41 Resp: 208446

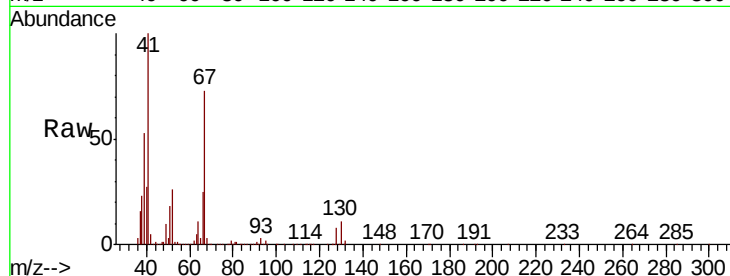
Ion Ratio Lower Upper

41 100

39 55.2 42.8 64.2

67 77.6 62.1 93.1

52 28.4 23.4 35.0

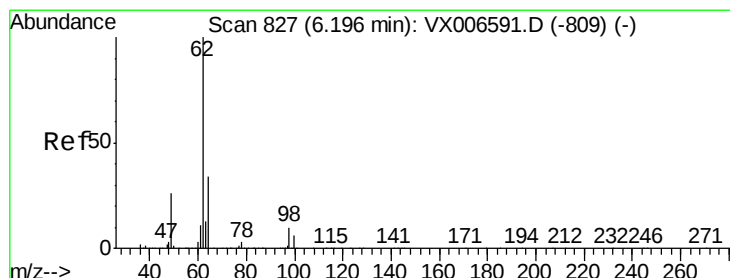
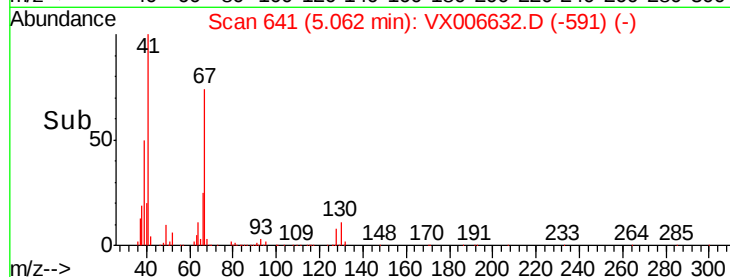
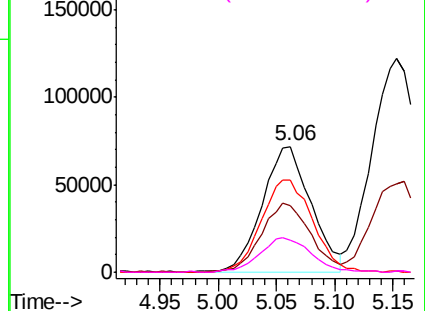


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.950 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006632.D

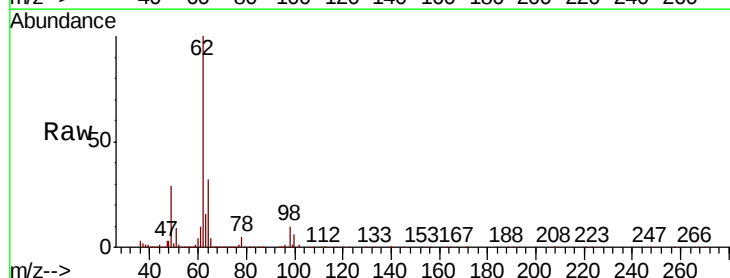
Acq: 19 Dec 2018 07:25

Tgt Ion: 62 Resp: 367886

Ion Ratio Lower Upper

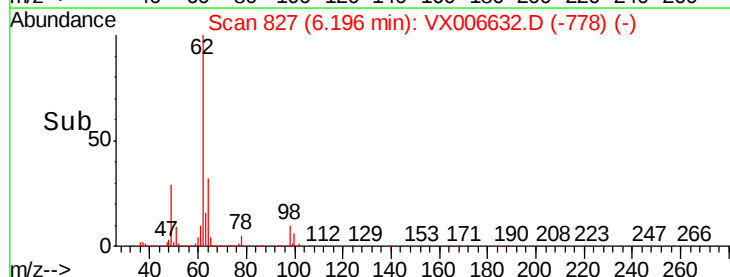
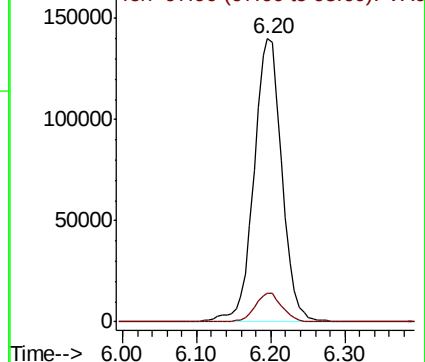
62 100

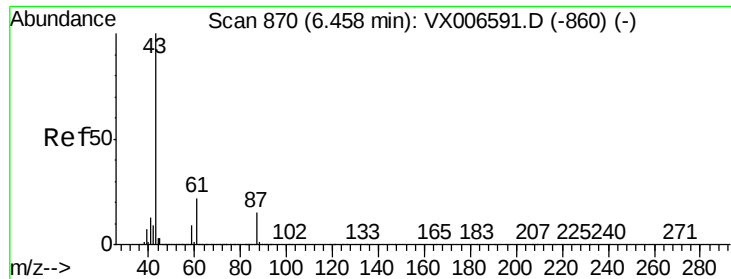
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



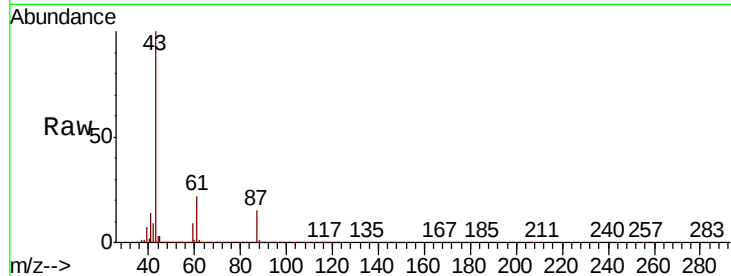


#43

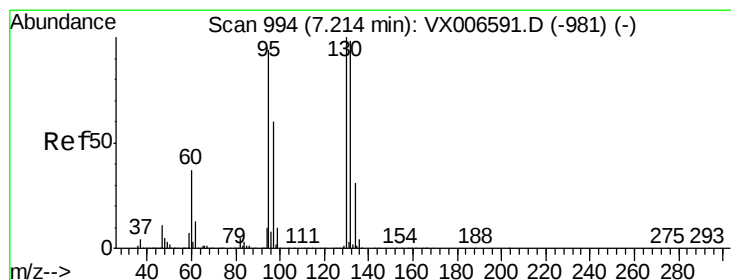
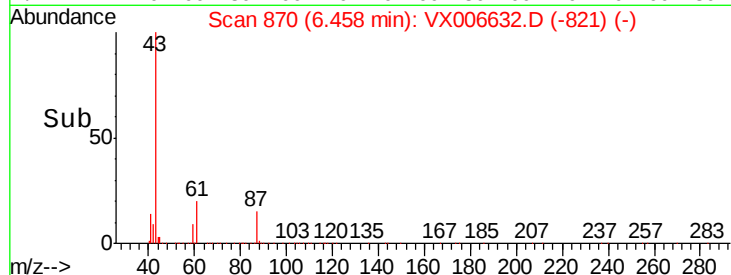
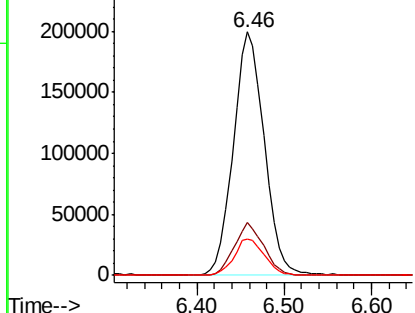
Isopropyl Acetate
 Concen: 45.949 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

Tot Ion: 43 Resp: 488108
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.8 25.2
 87 15.0 12.4 18.6



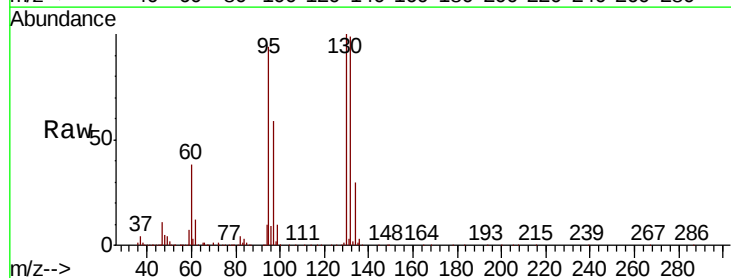
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



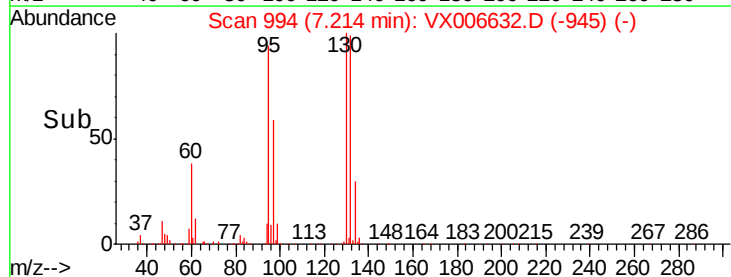
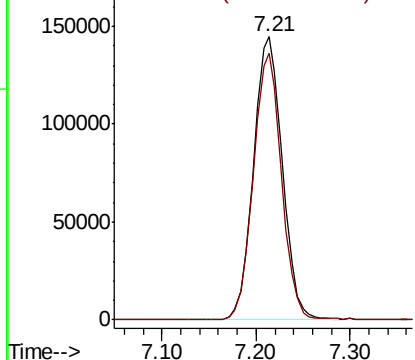
#44

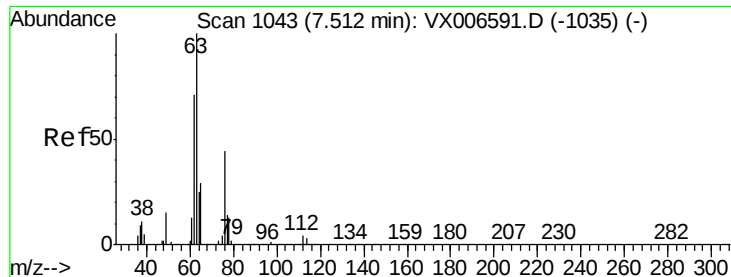
Trichloroethene
 Concen: 50.353 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion:130 Resp: 310743
 Ion Ratio Lower Upper
 130 100
 95 94.1 0.0 187.0



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





#45

1,2-Dichloropropane

Concen: 53.721 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

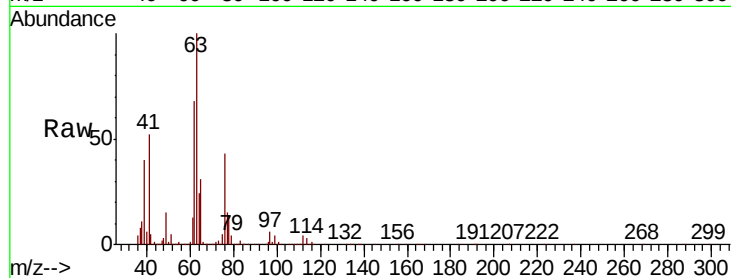
SA.PZ135I-20181208MSD

Tot Ion: 63 Resp: 266551

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

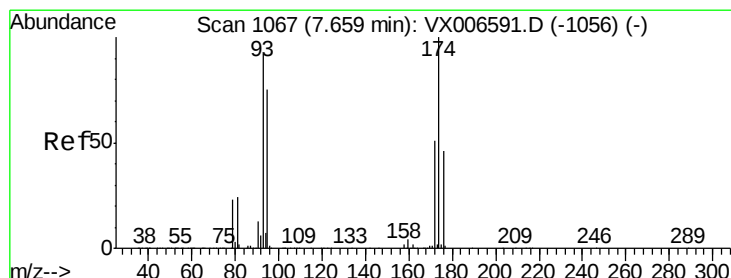
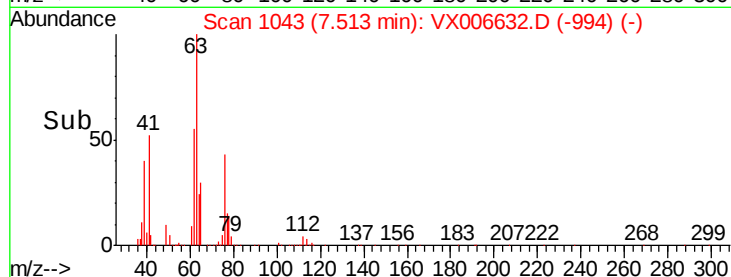
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 52.740 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

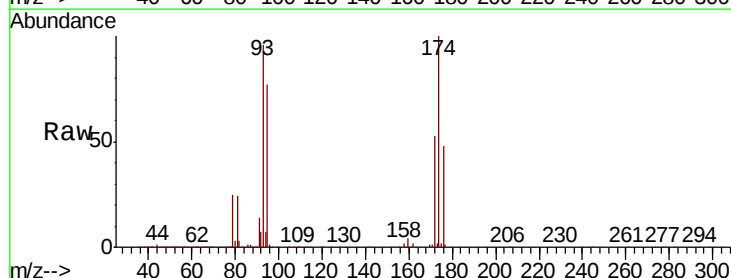
Tgt Ion: 93 Resp: 192483

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 114.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

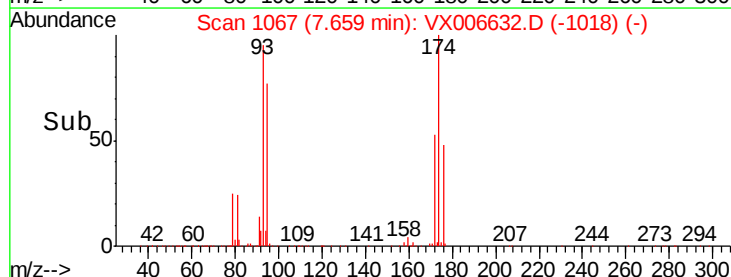
150000

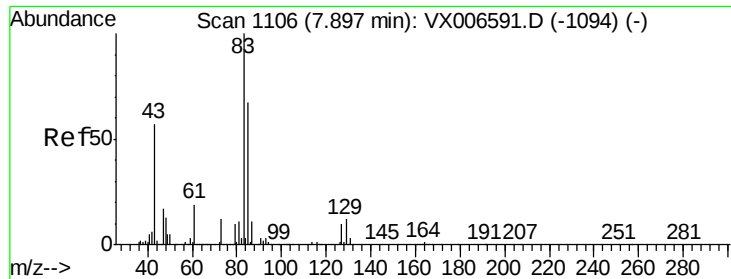
100000

50000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 54.346 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

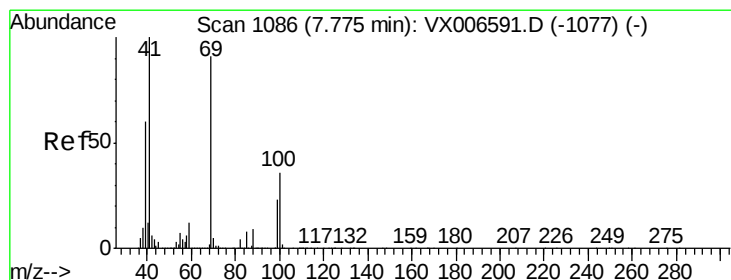
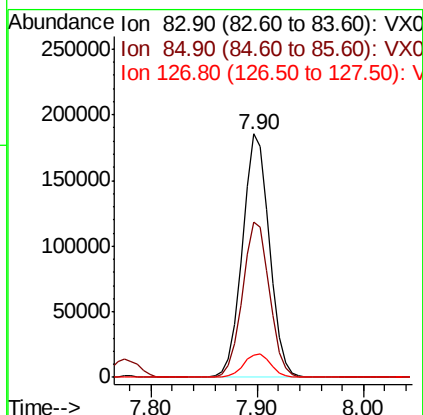
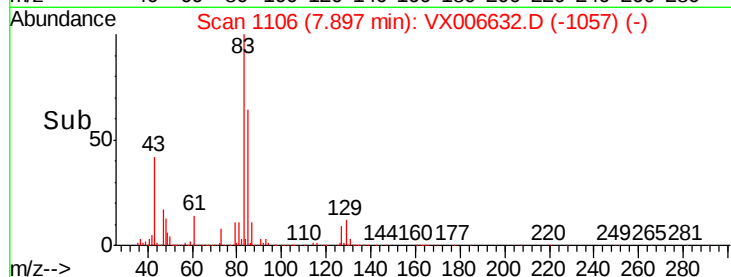
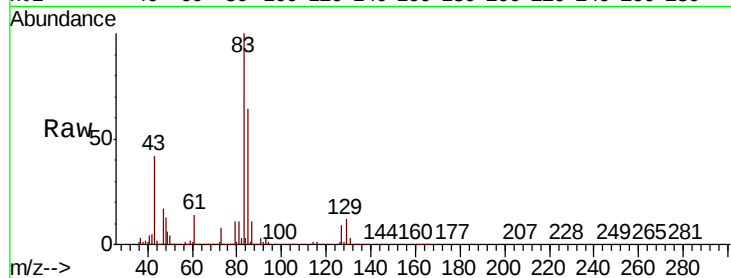
Tot Ion: 83 Resp: 329296

Ion Ratio Lower Upper

83 100

85 63.8 53.2 79.8

127 9.0 7.8 11.6



#48

Methyl methacrylate

Concen: 56.596 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

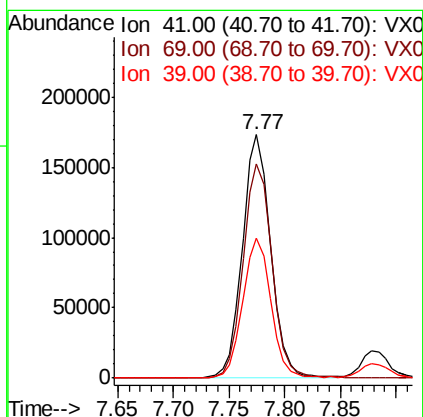
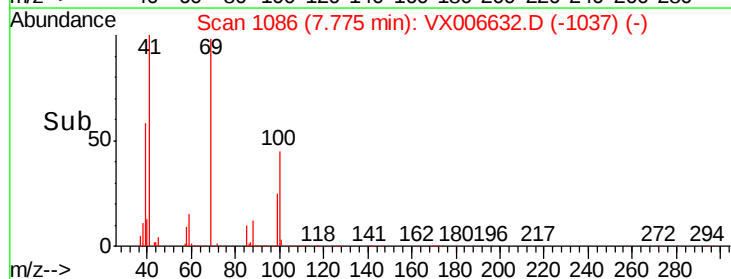
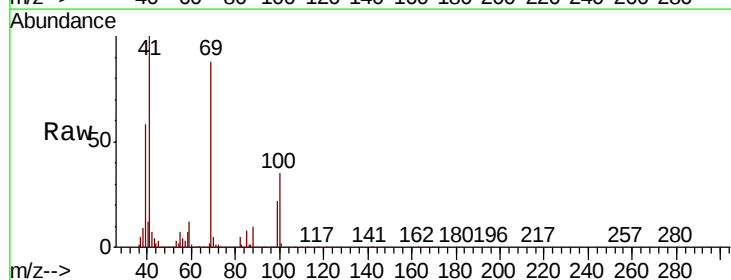
Tgt Ion: 41 Resp: 305734

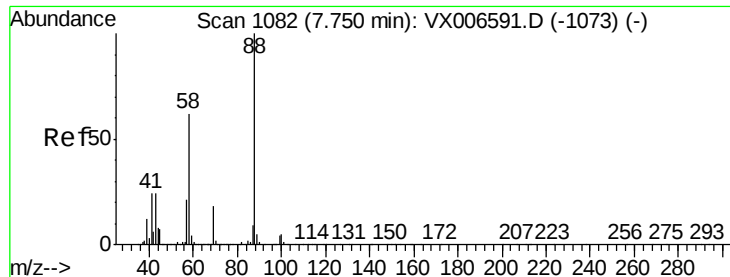
Ion Ratio Lower Upper

41 100

69 90.6 72.4 108.6

39 57.2 45.8 68.8





#49

1,4-Dioxane

Concen: 1128.451 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

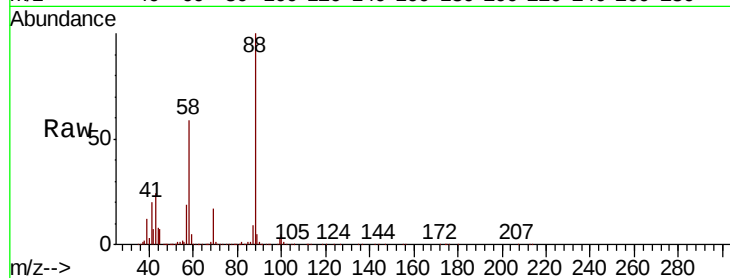
Tot Ion: 88 Resp: 159136

Ion Ratio Lower Upper

88 100

43 27.5 22.2 33.4

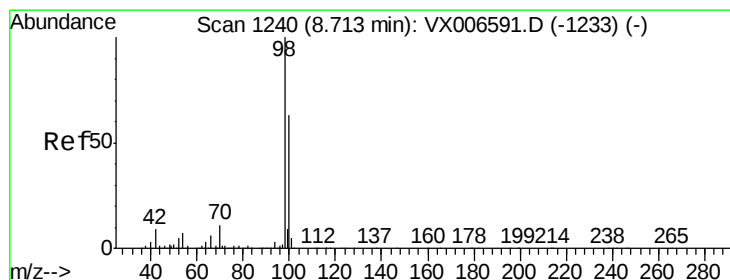
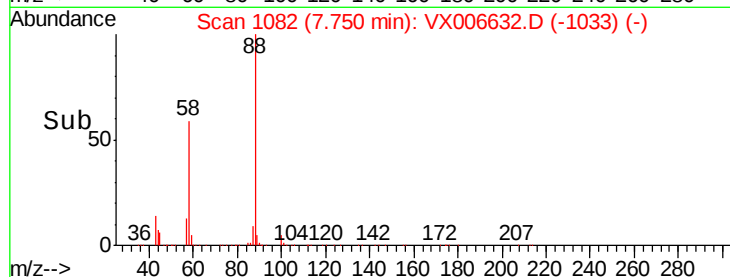
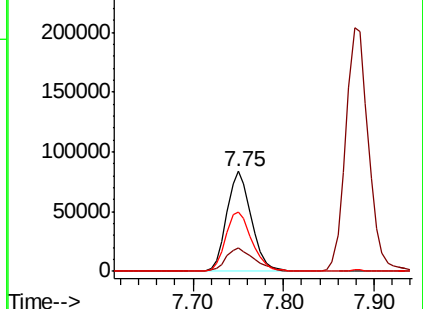
58 63.3 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.982 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006632.D

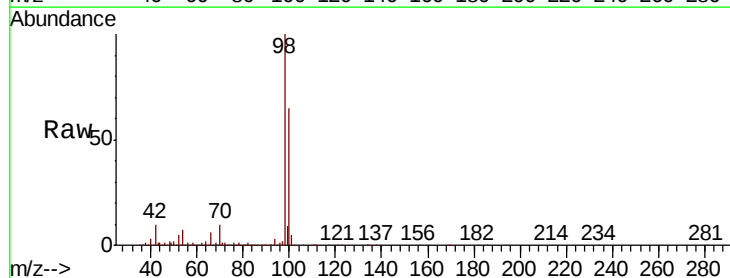
Acq: 19 Dec 2018 07:25

Tgt Ion: 98 Resp: 907162

Ion Ratio Lower Upper

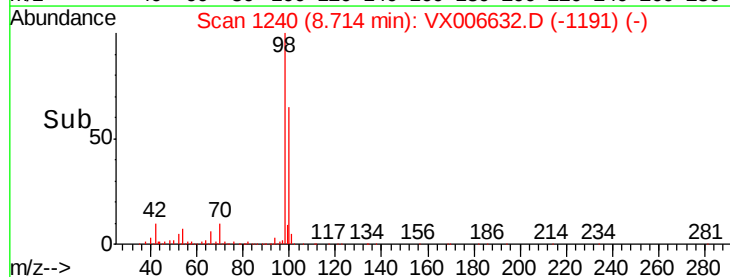
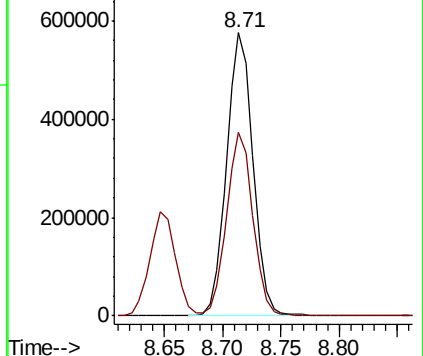
98 100

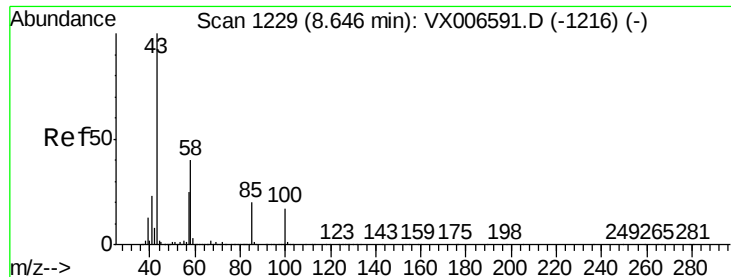
100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

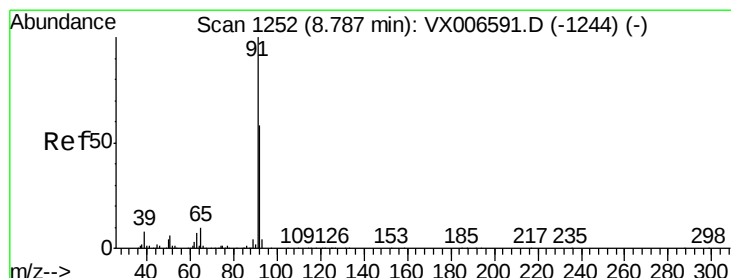
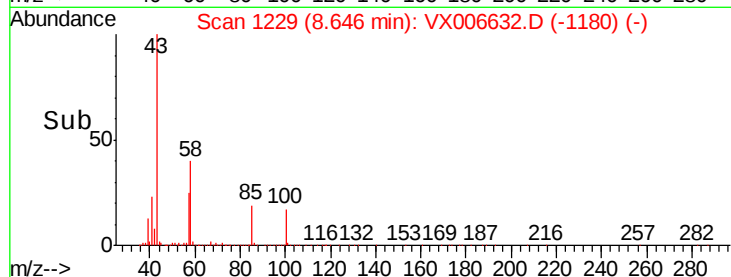
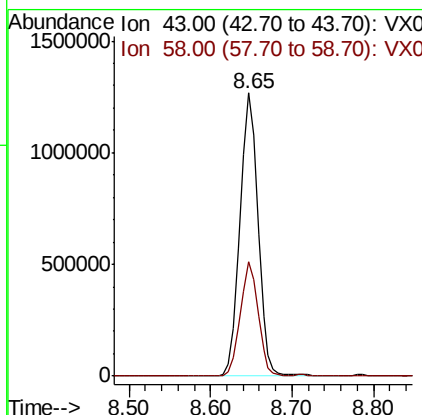
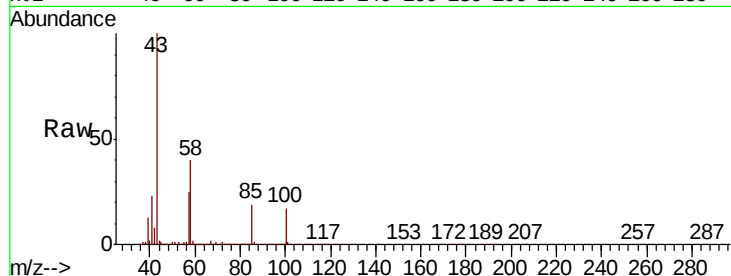




#51
 4-Methyl-2-Pentanone
 Concen: 285.715 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

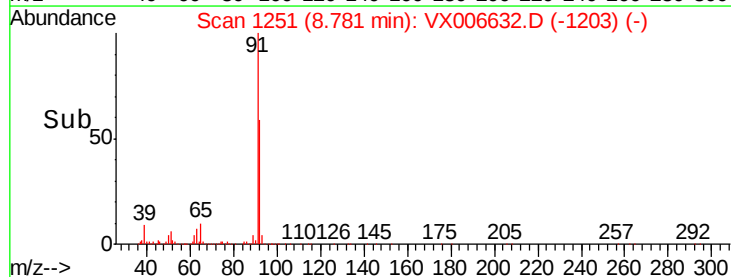
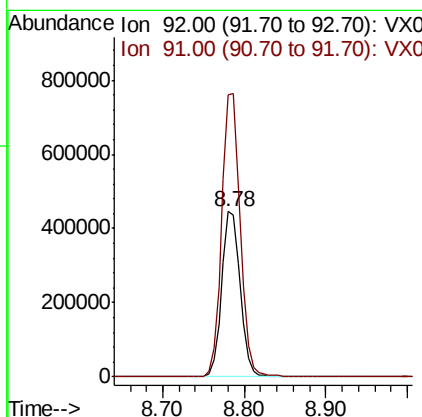
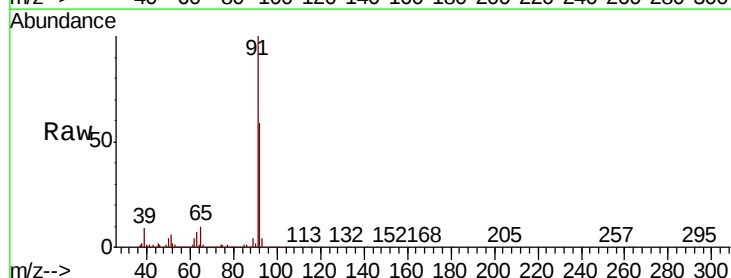
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

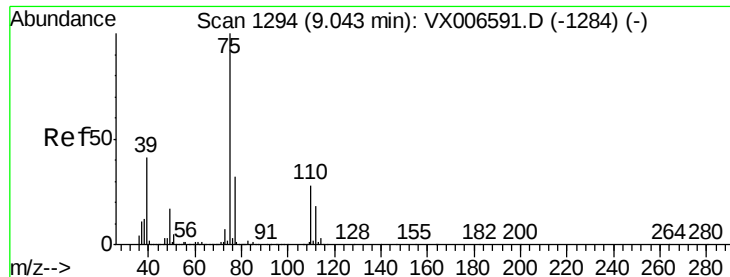
Tot Ion: 43 Resp: 1931149
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.8 47.6



#52
 Toluene
 Concen: 53.576 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion: 92 Resp: 705730
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 46.816 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

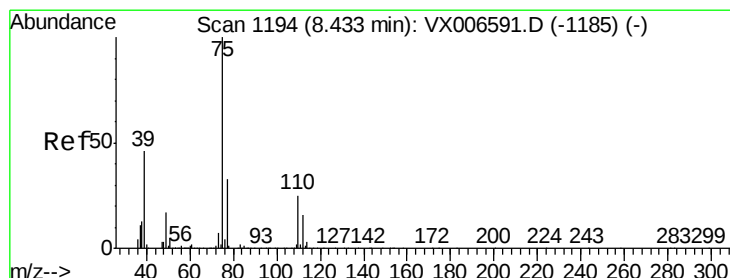
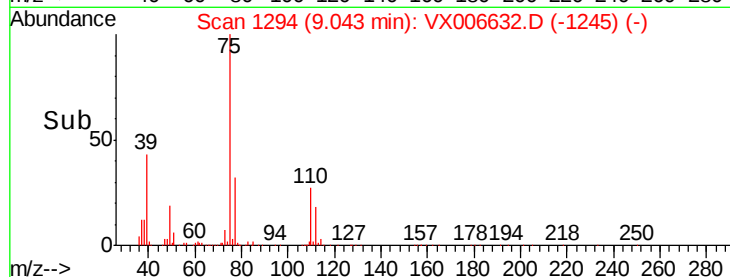
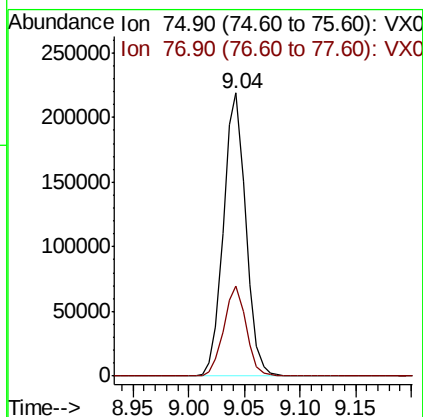
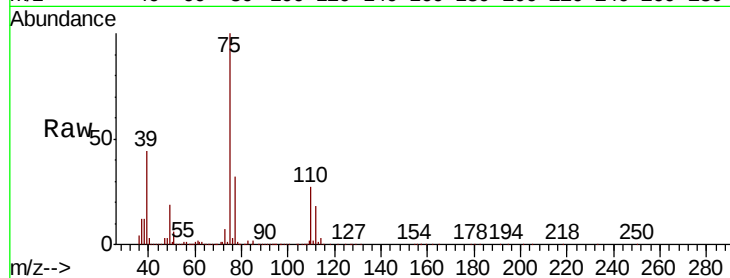
SA.PZ135I-20181208MSD

Tot Ion: 75 Resp: 304231

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 48.339 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

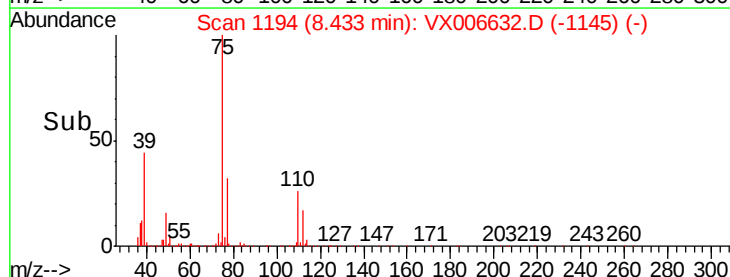
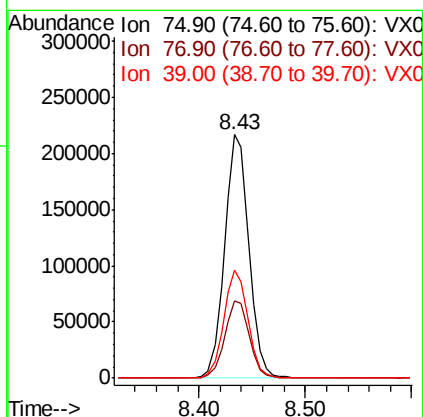
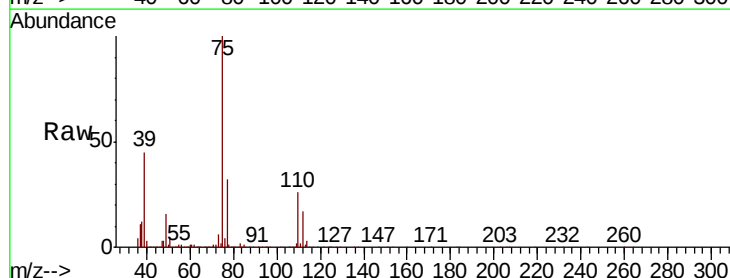
Tgt Ion: 75 Resp: 344678

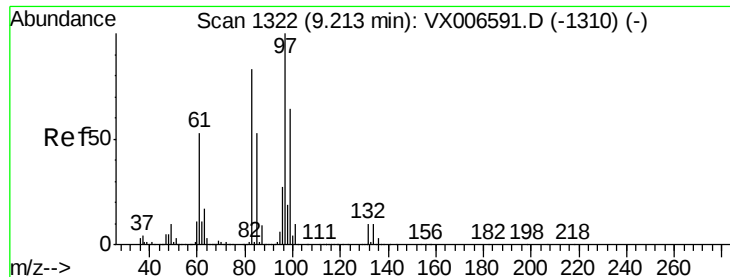
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 44.4 36.7 55.1

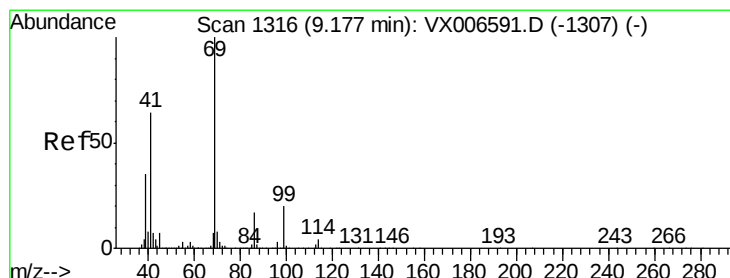
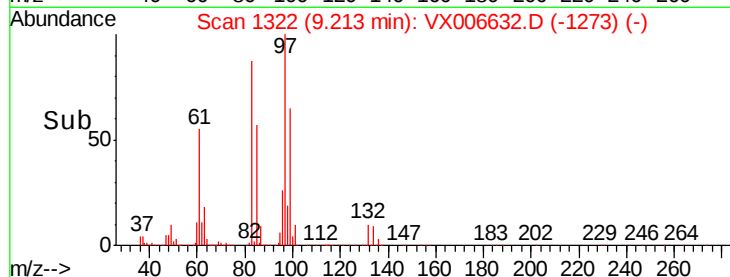
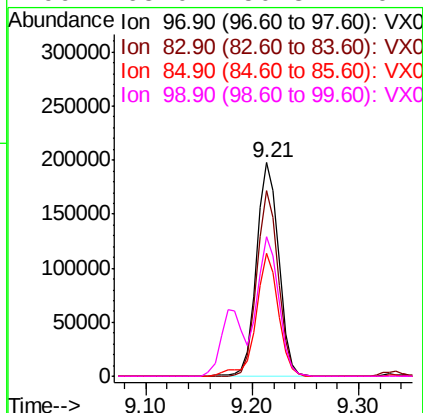
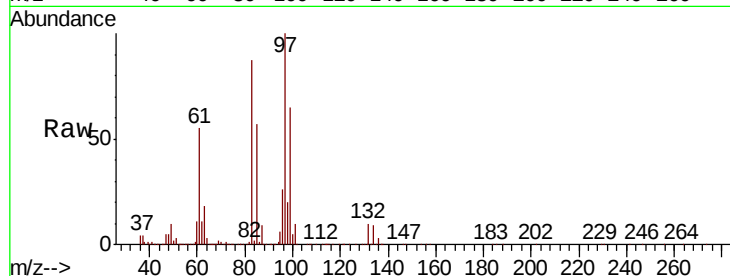




#55
 1,1,2-Trichloroethane
 Concen: 53.958 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

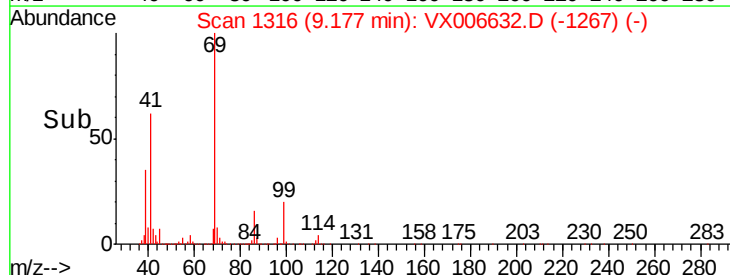
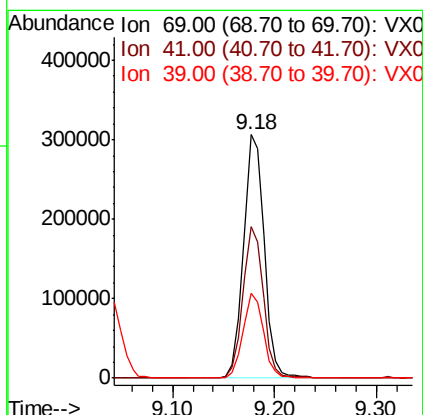
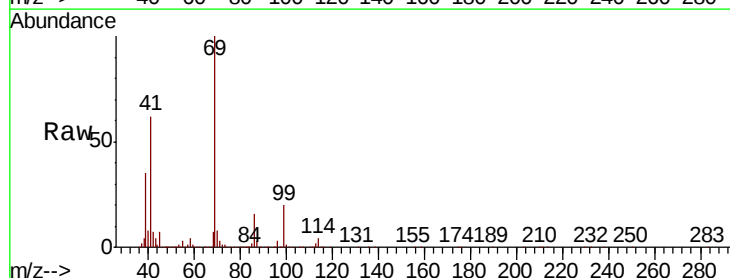
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

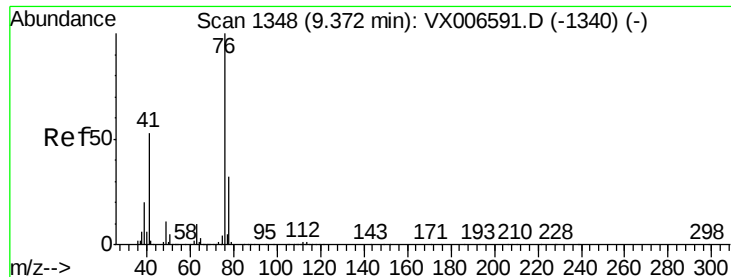
Tot Ion:	97	Resp:	290926
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.6	99.8
85	57.3	42.7	64.1
99	65.0	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 56.193 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion:	69	Resp:	428224
Ion	Ratio	Lower	Upper
69	100		
41	61.2	48.7	73.1
39	34.3	27.0	40.6





#57

1,3-Dichloropropane

Concen: 53.590 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

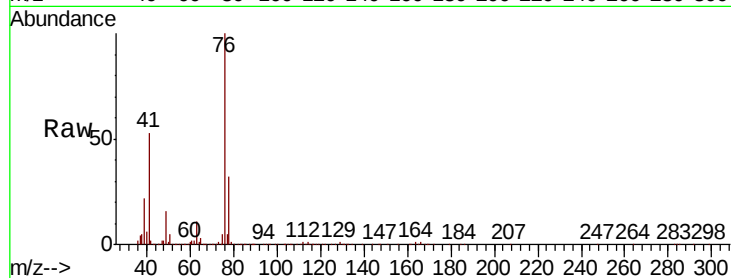
SA.PZ135I-20181208MSD

Tot Ion: 76 Resp: 464883

Ion Ratio Lower Upper

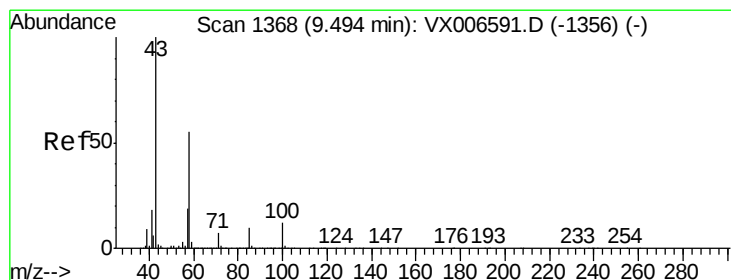
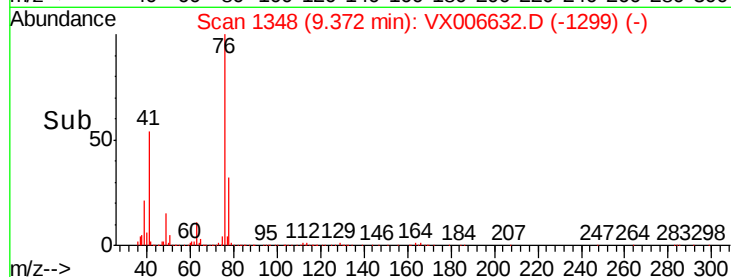
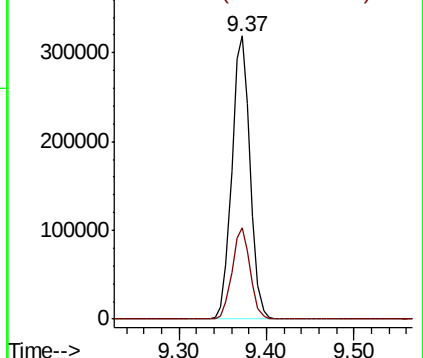
76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 284.469 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006632.D

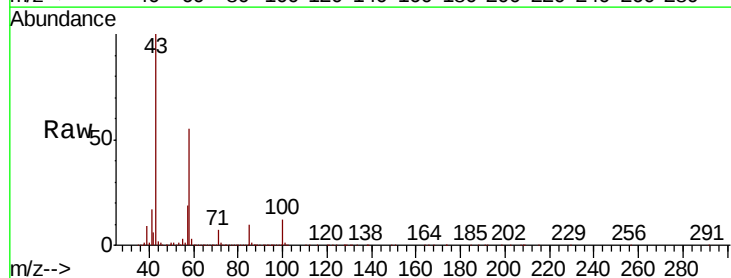
Acq: 19 Dec 2018 07:25

Tgt Ion: 43 Resp: 1471116

Ion Ratio Lower Upper

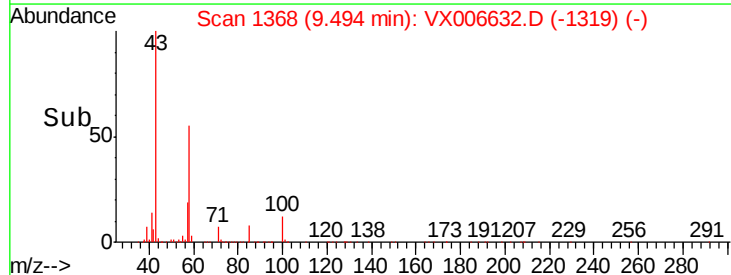
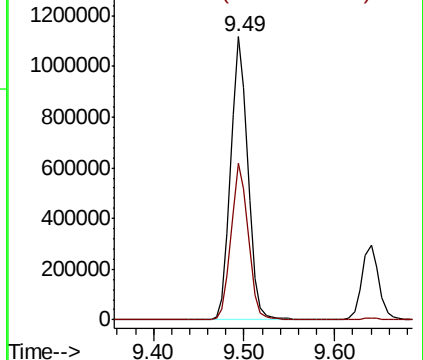
43 100

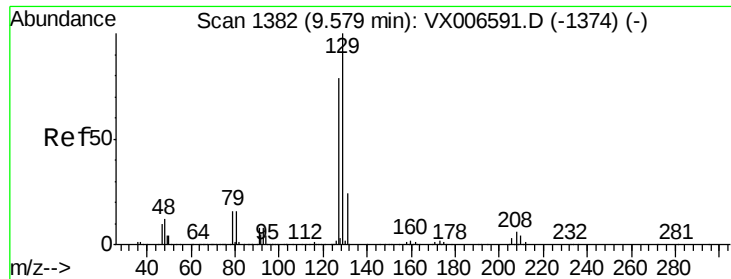
58 55.2 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 58.320 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

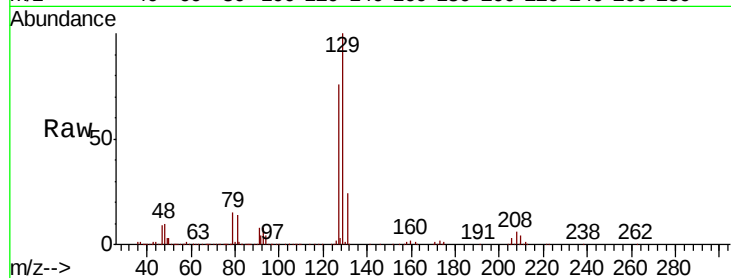
SA.PZ135I-20181208MSD

Tot Ion:129 Resp: 289637

Ion Ratio Lower Upper

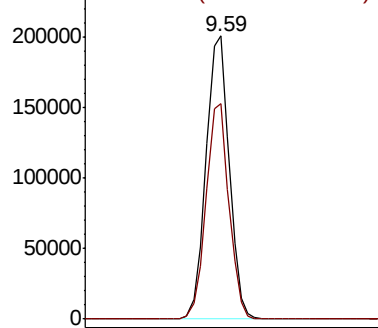
129 100

127 75.3 39.3 117.8

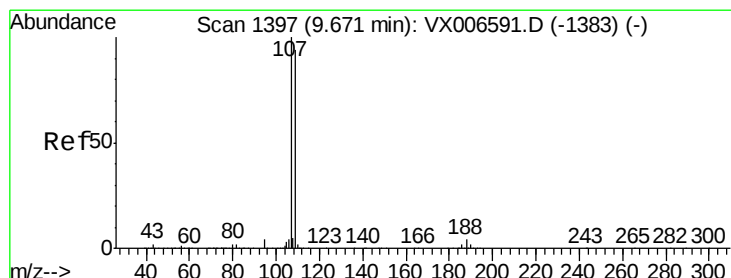
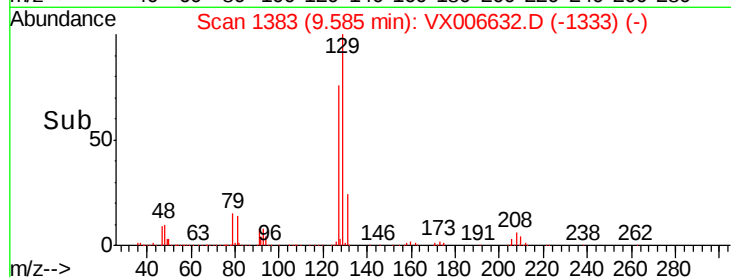


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 55.281 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006632.D

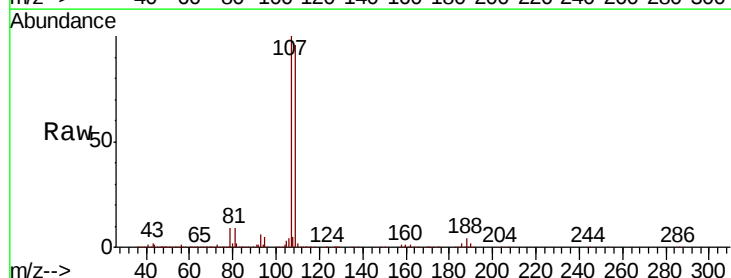
Acq: 19 Dec 2018 07:25

Tgt Ion:107 Resp: 316847

Ion Ratio Lower Upper

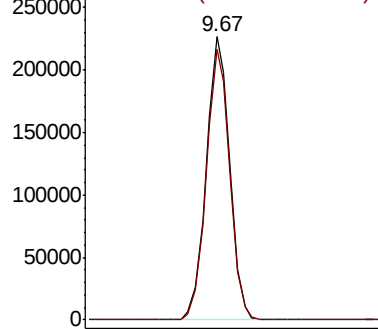
107 100

109 95.4 75.8 113.6

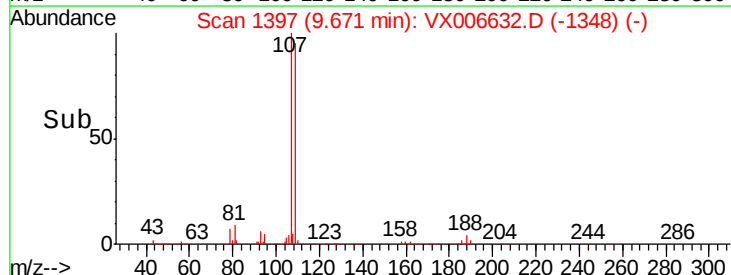


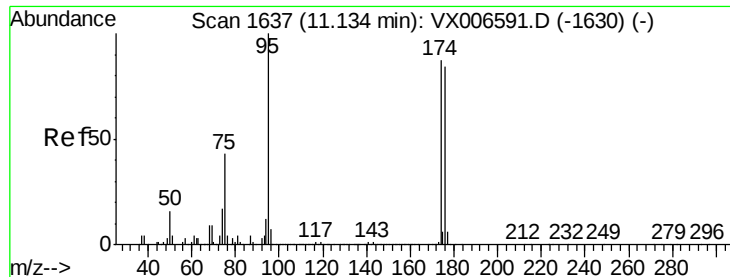
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->

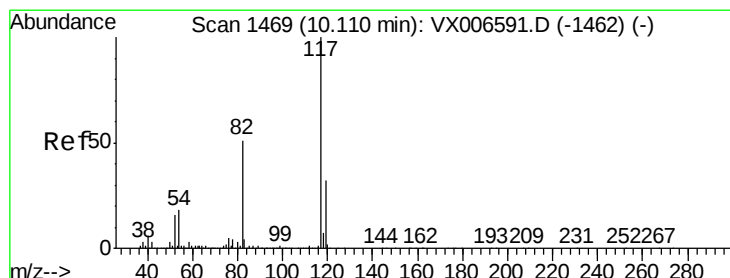
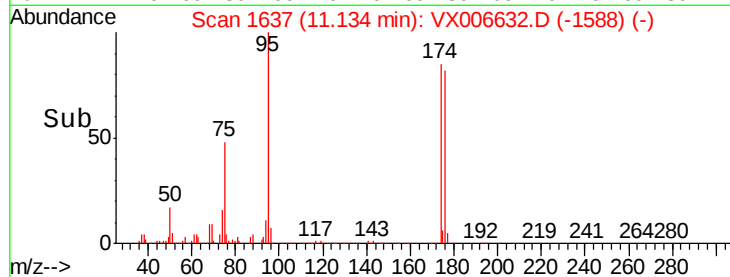
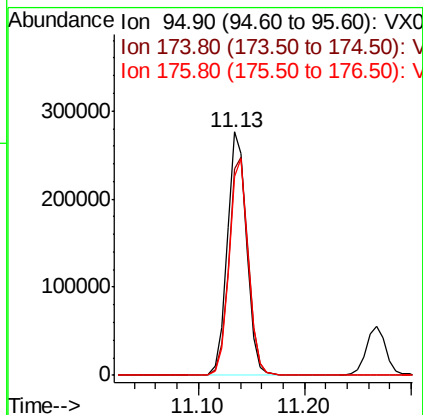
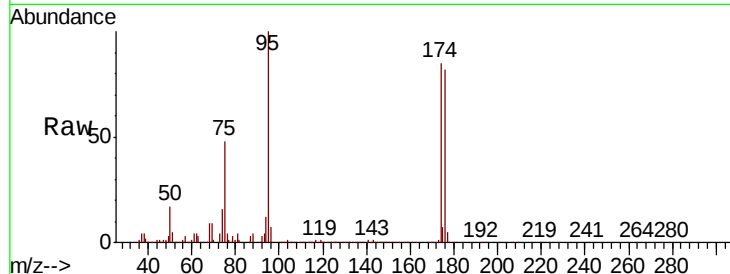




#62
4-Bromofluorobenzene
Concen: 49.785 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

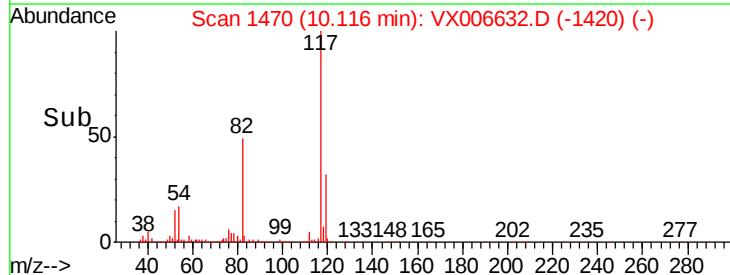
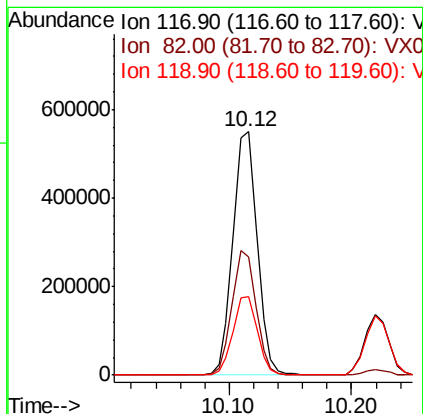
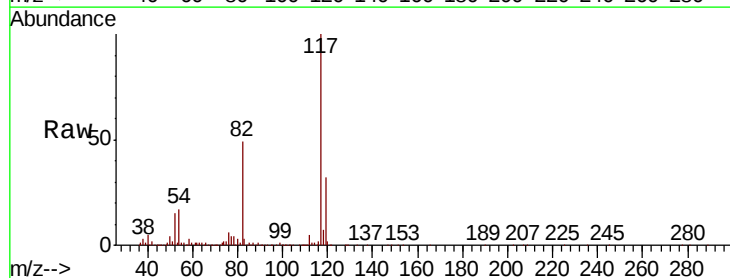
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

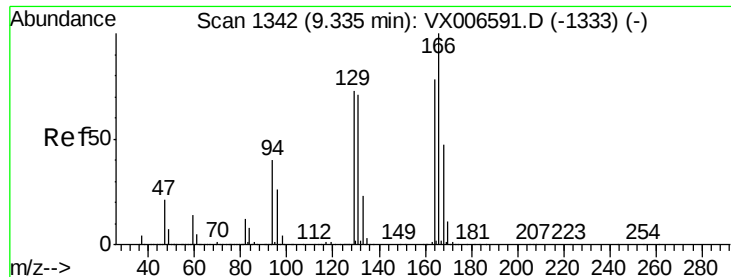
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	182.2
176	88.3	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.6	41.0	61.6
119	32.0	25.4	38.0

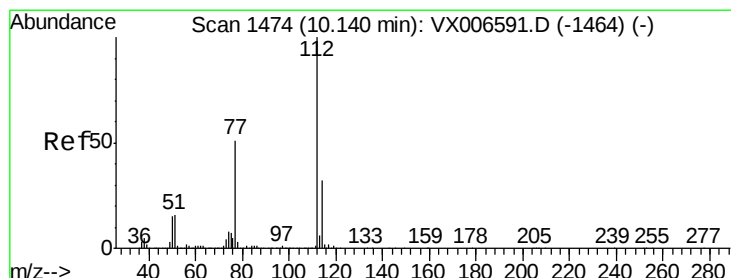
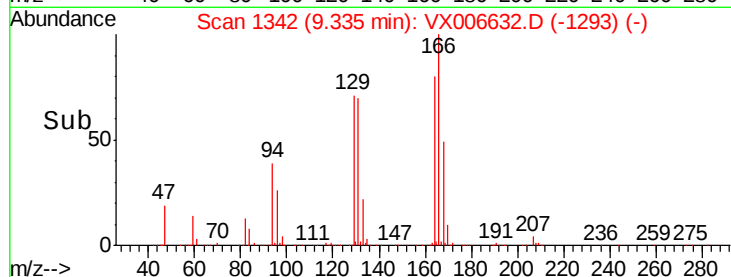
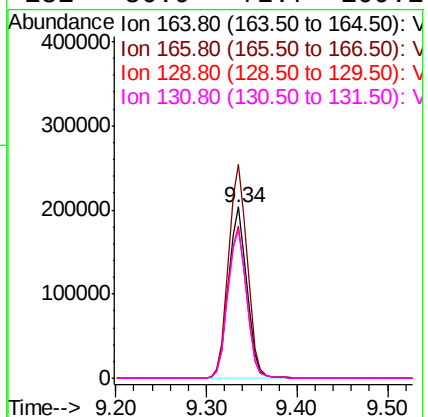
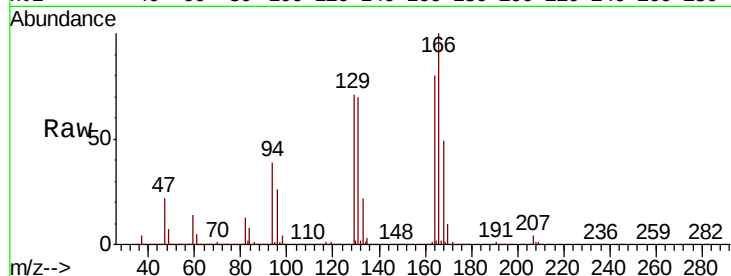




#64
Tetrachloroethene
Concen: 48.005 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

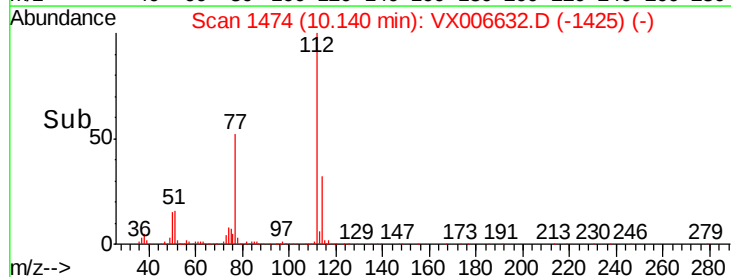
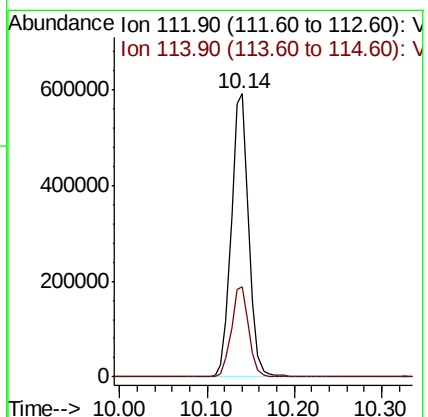
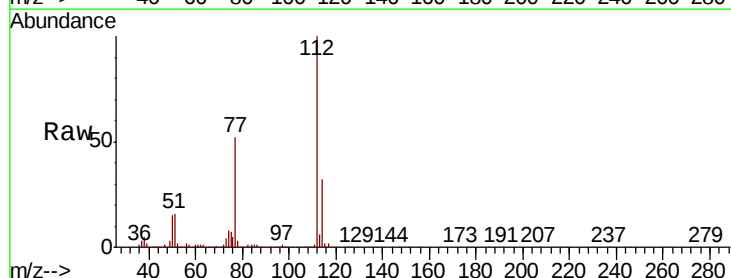
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

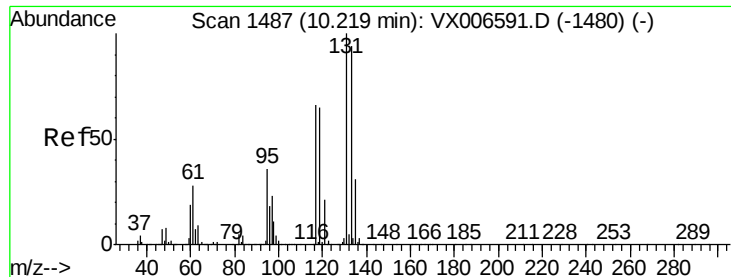
Tot Ion	Ratio	Lower	Upper
164	100		
166	124.6	102.5	153.7
129	88.9	75.1	112.7
131	86.9	72.7	109.1



#65
Chlorobenzene
Concen: 51.318 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

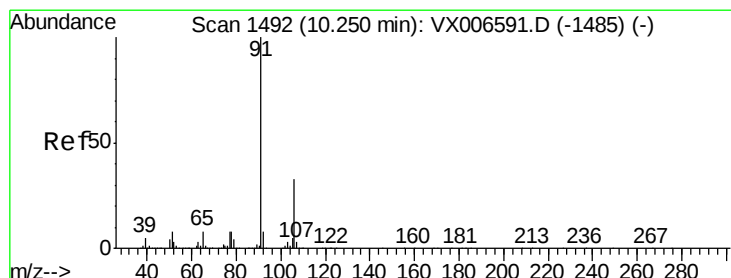
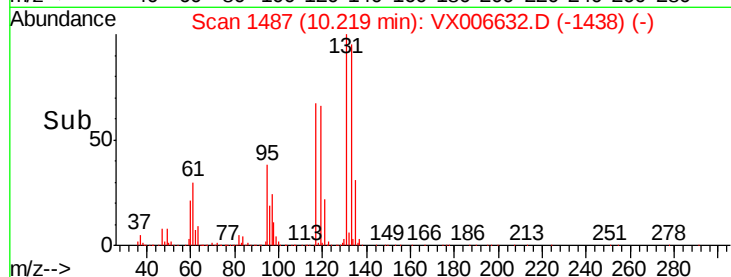
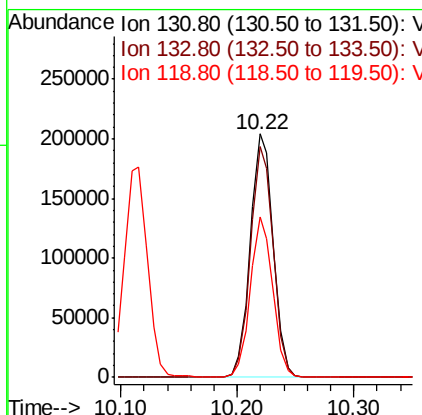
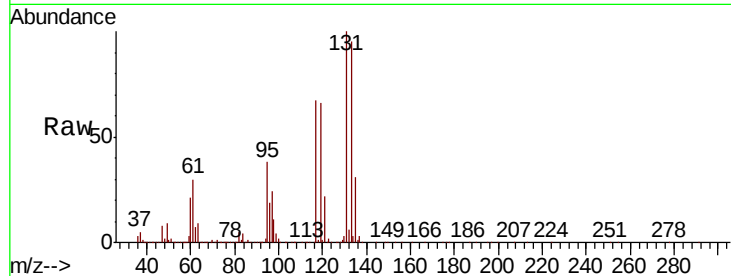




#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.287 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

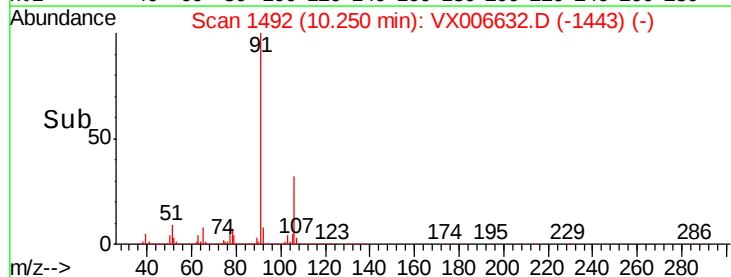
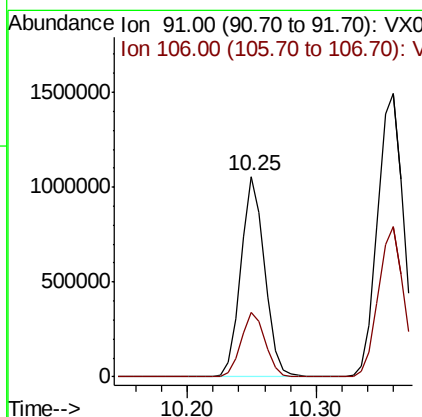
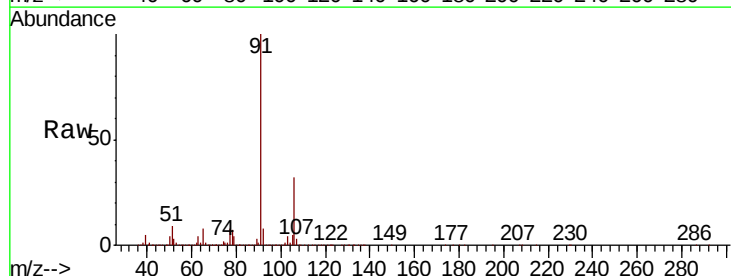
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

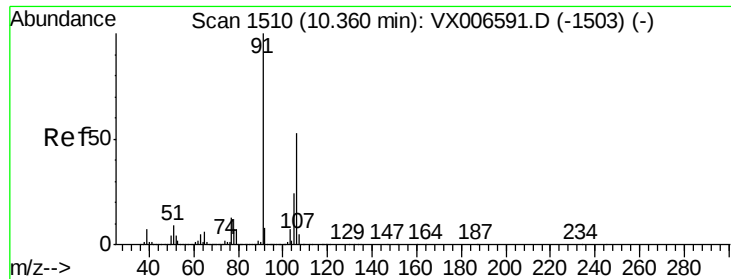
Tot Ion:131 Resp: 281162
 Ion Ratio Lower Upper
 131 100
 133 94.0 48.0 144.2
 119 64.1 32.6 97.8



#67
 Ethyl Benzene
 Concen: 51.569 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion: 91 Resp: 1349154
 Ion Ratio Lower Upper
 91 100
 106 32.2 26.4 39.6

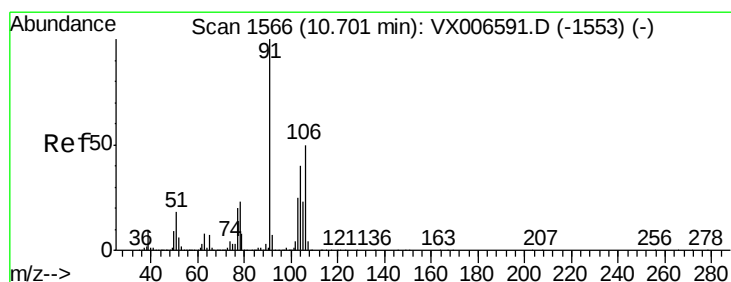
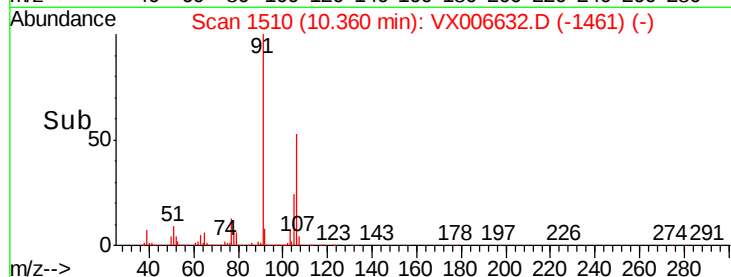
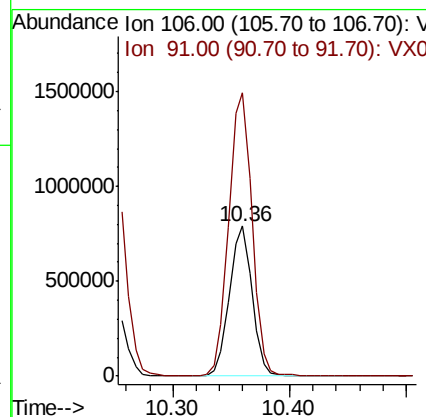
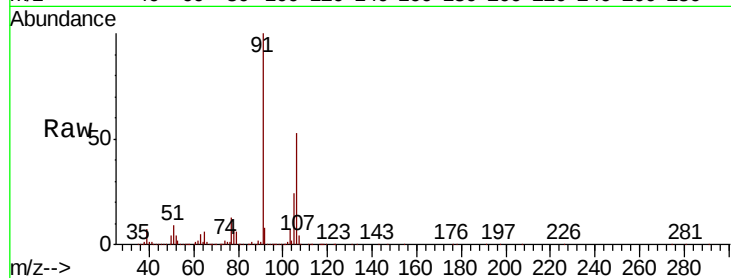




#68
m/p-Xylenes
Concen: 103.223 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

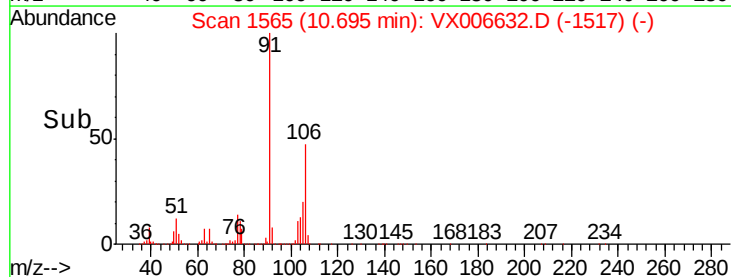
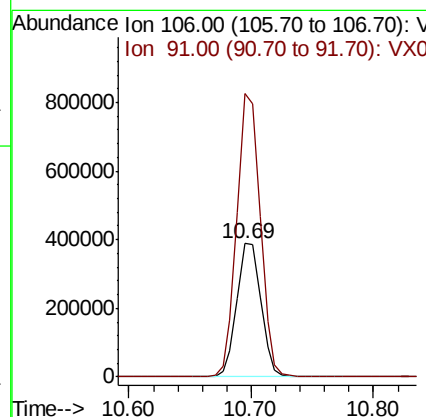
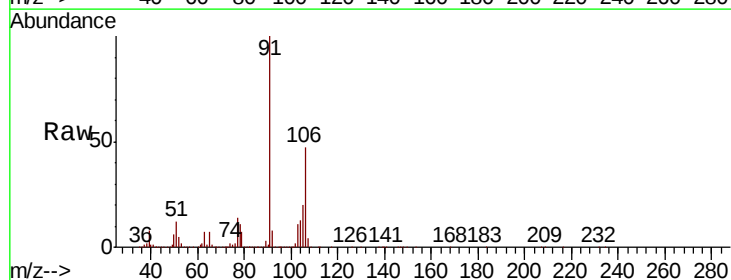
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

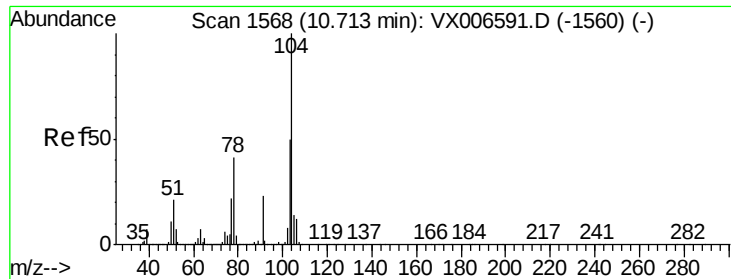
Tot Ion:106 Resp: 1065619
Ion Ratio Lower Upper
106 100
91 195.2 155.8 233.6



#69
o-Xylene
Concen: 52.025 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion:106 Resp: 530357
Ion Ratio Lower Upper
106 100
91 207.1 101.3 303.7





#70

Stvrene

Concen: 54.141 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

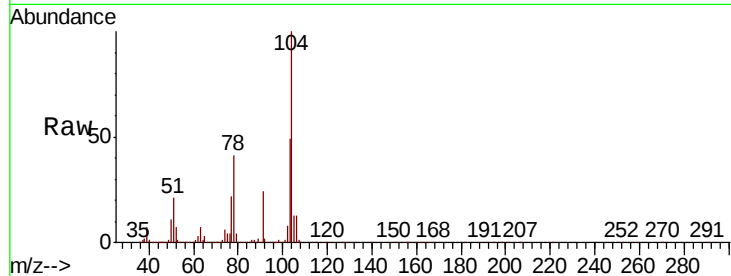
Tot Ion:104 Resp: 873176

Ion Ratio Lower Upper

104 100

78 47.0 37.7 56.5

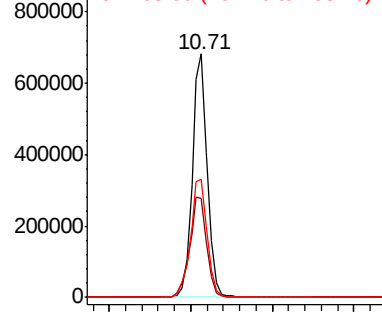
103 54.8 43.8 65.8



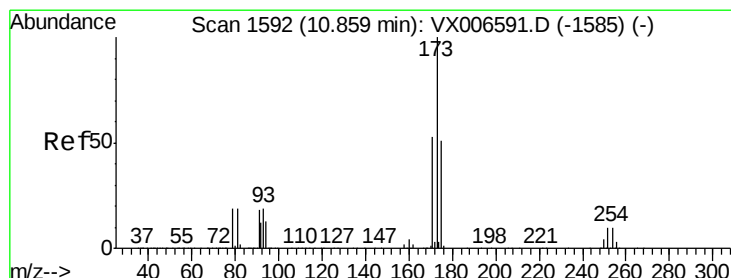
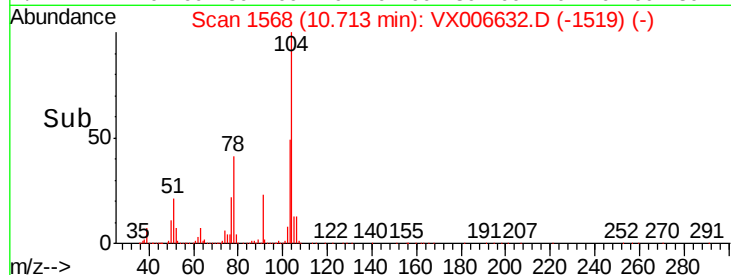
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



Time-->



#71

Bromoform

Concen: 46.694 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

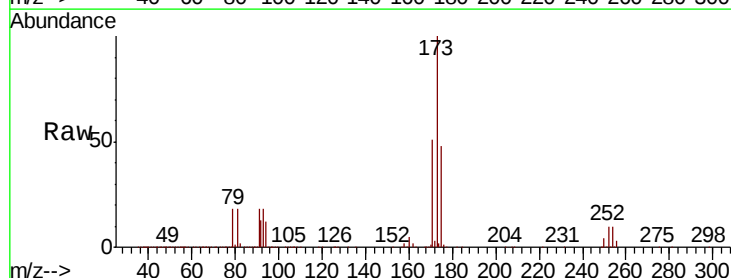
Tgt Ion:173 Resp: 208930

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

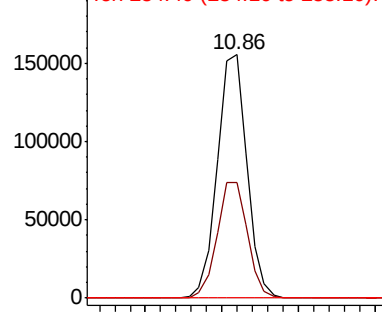
254 0.2 0.2 0.2



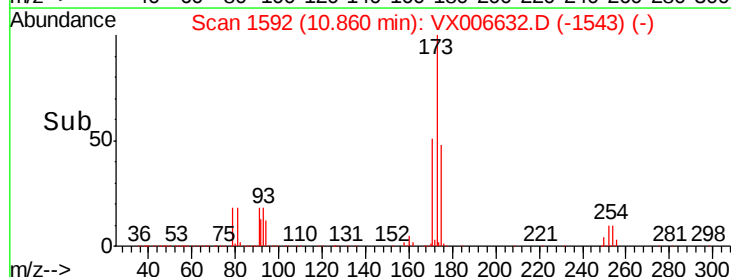
Abundance Ion 172.70 (172.40 to 173.40): V

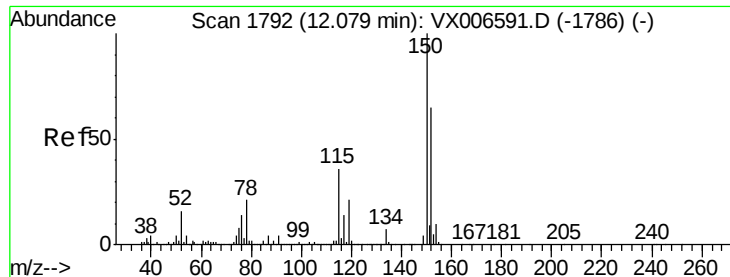
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

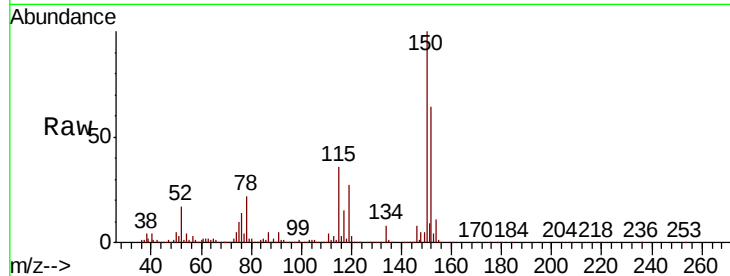
Tot Ion:152 Resp: 395261

Ion Ratio Lower Upper

152 100

115 77.6 39.1 117.2

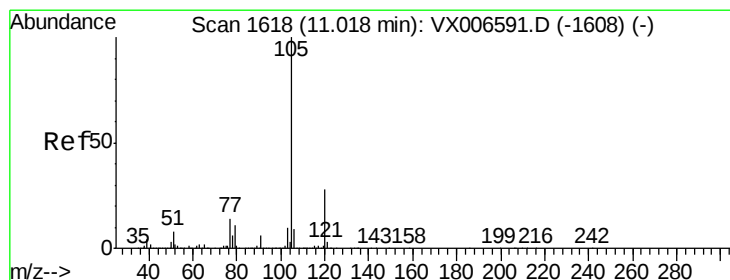
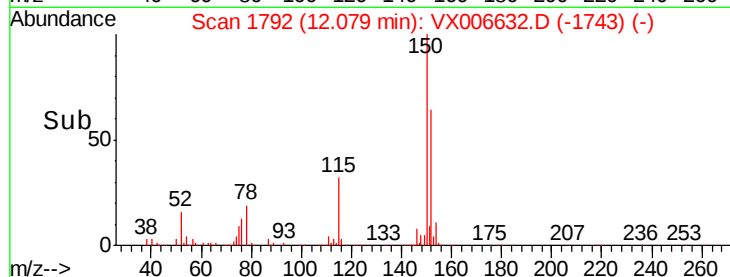
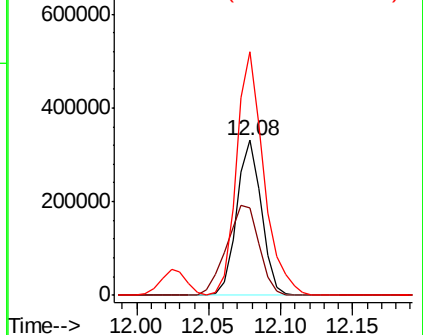
150 173.6 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.677 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006632.D

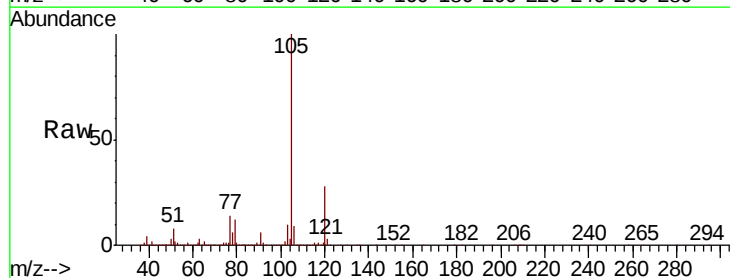
Acq: 19 Dec 2018 07:25

Tgt Ion:105 Resp: 1397365

Ion Ratio Lower Upper

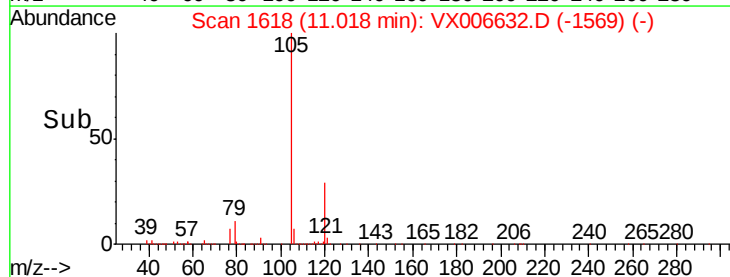
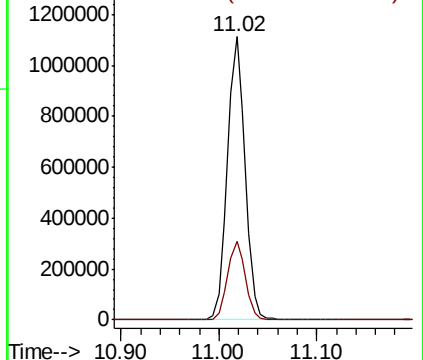
105 100

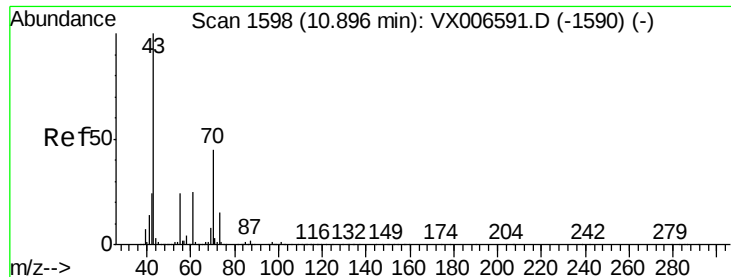
120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 38.895 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

Tot Ion: 43 Resp: 376463

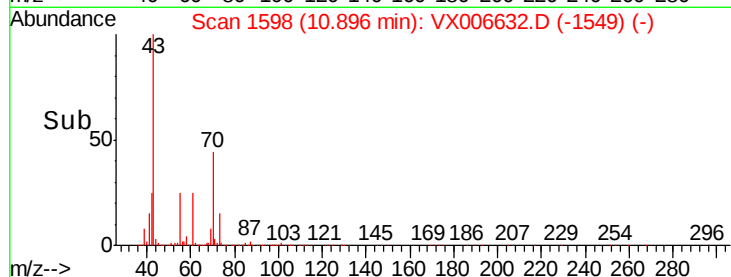
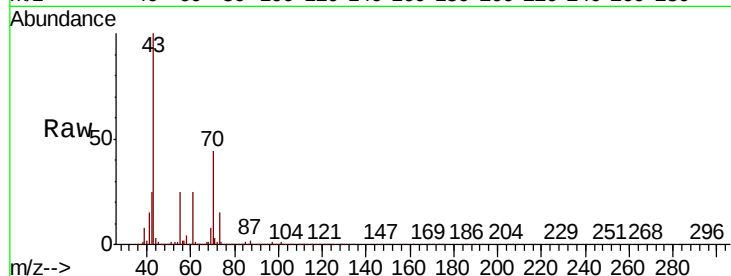
Ion Ratio Lower Upper

43 100

70 44.8 35.8 53.8

55 24.8 19.4 29.0

61 25.1 20.1 30.1

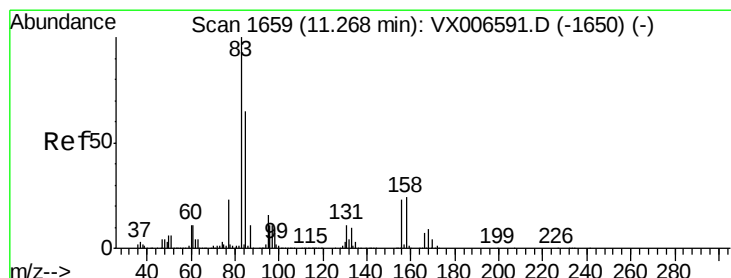
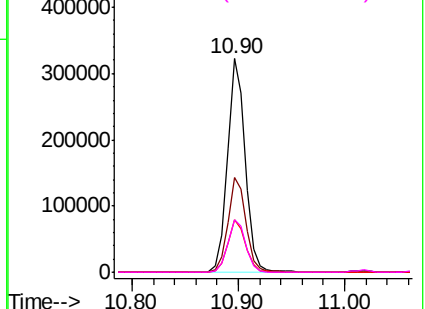


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.832 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

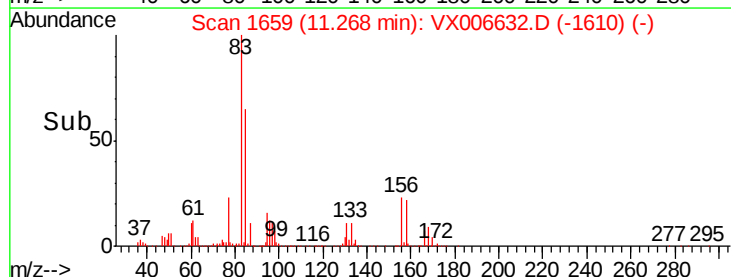
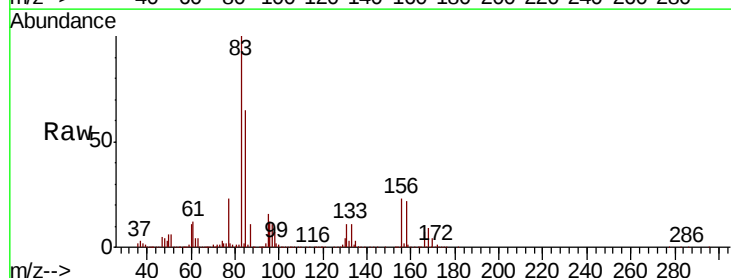
Tgt Ion: 83 Resp: 440950

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

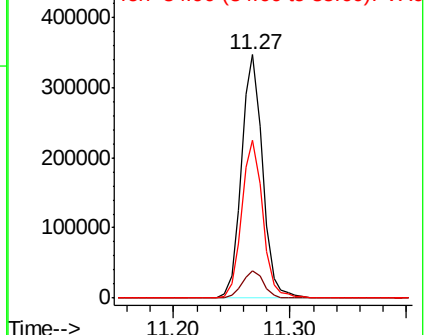
85 64.8 32.2 96.6

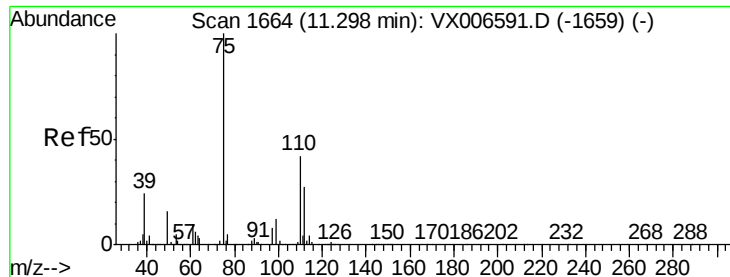


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

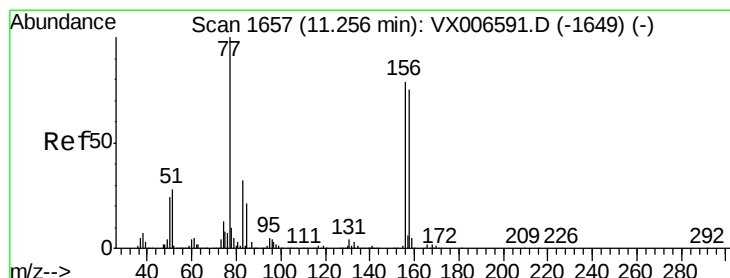
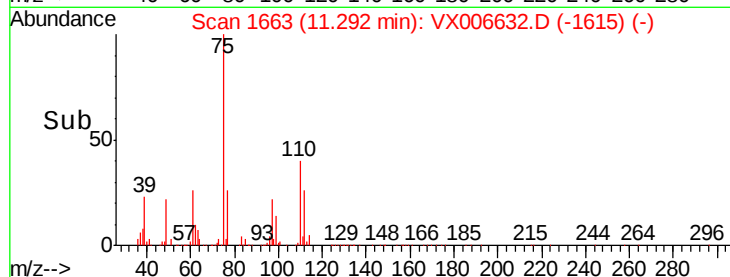
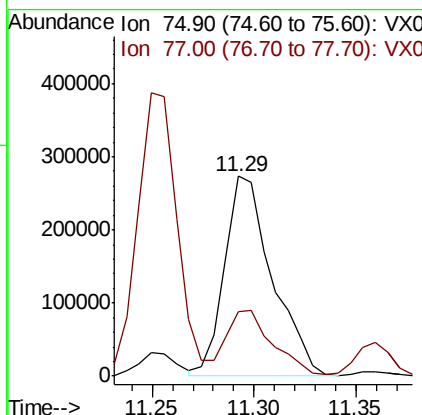
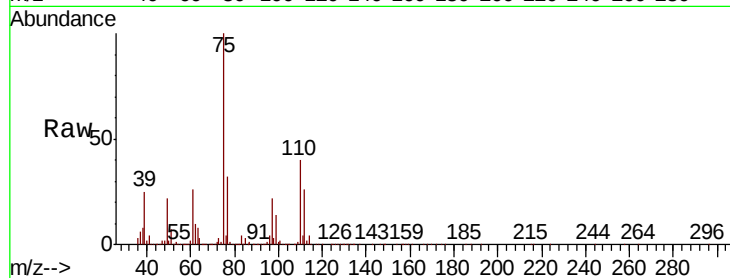




#76
 1,2,3-Trichloropropane
 Concen: 59.661 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

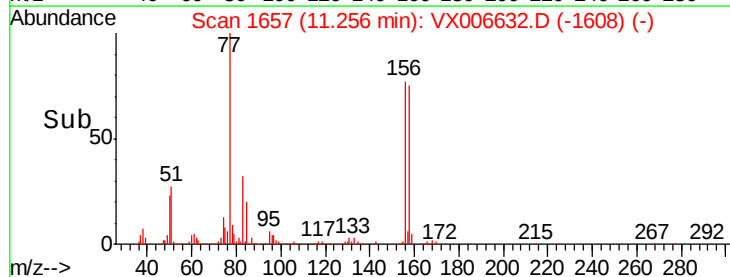
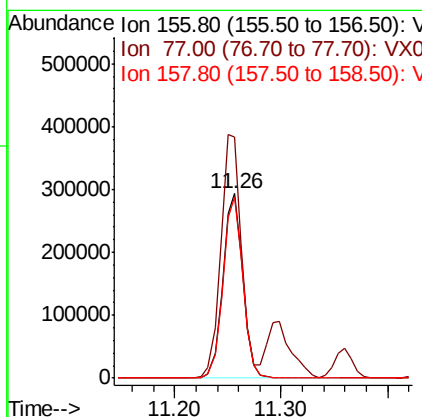
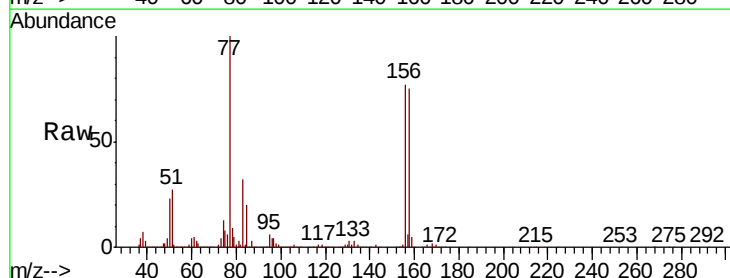
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

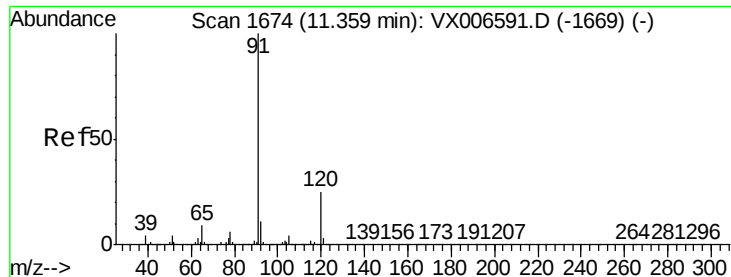
Tot Ion: 75 Resp: 438247
 Ion Ratio Lower Upper
 75 100
 77 31.5 18.5 55.5



#77
 Bromobenzene
 Concen: 52.298 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion: 156 Resp: 382329
 Ion Ratio Lower Upper
 156 100
 77 135.4 68.0 204.0
 158 97.9 48.3 144.8





#78

n-propylbenzene

Concen: 51.244 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

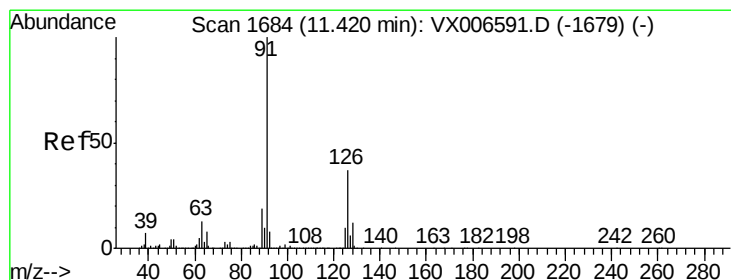
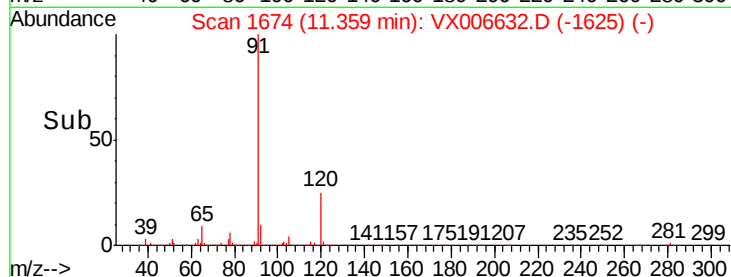
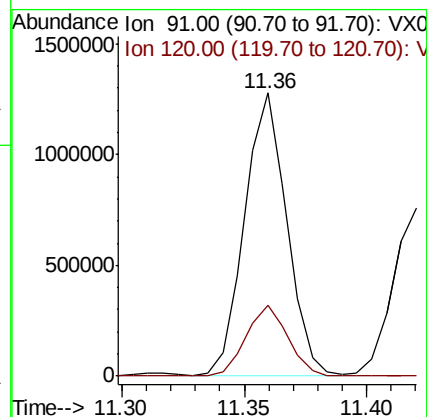
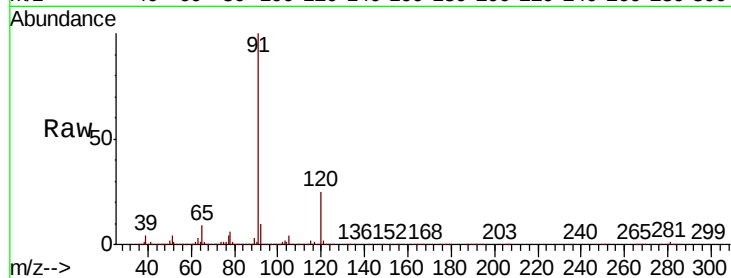
SA.PZ135I-20181208MSD

Tot Ion: 91 Resp: 1525915

Ion Ratio Lower Upper

91 100

120 25.2 12.7 38.0



#79

2-Chlorotoluene

Concen: 51.772 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006632.D

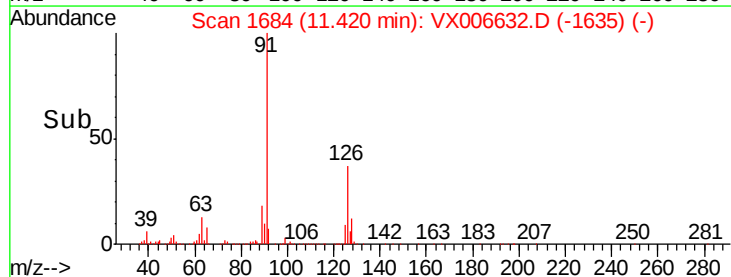
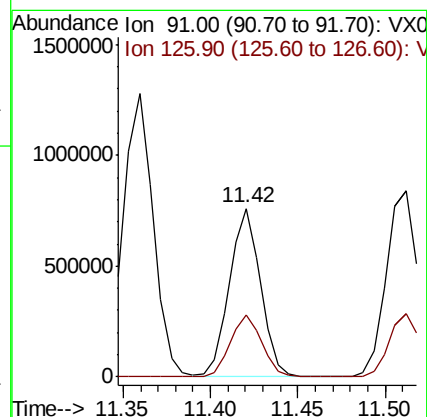
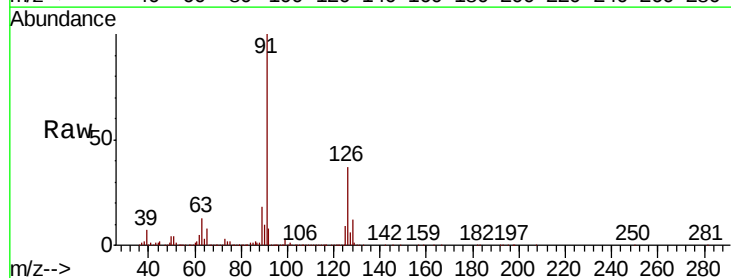
Acq: 19 Dec 2018 07:25

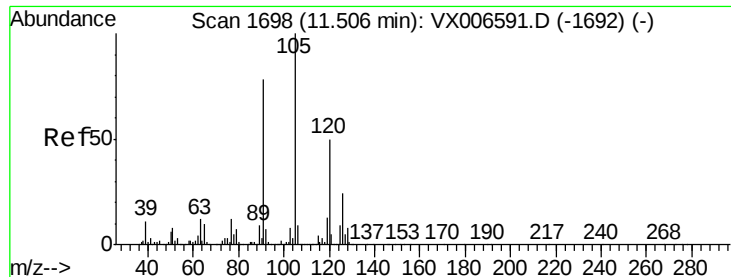
Tgt Ion: 91 Resp: 934233

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0

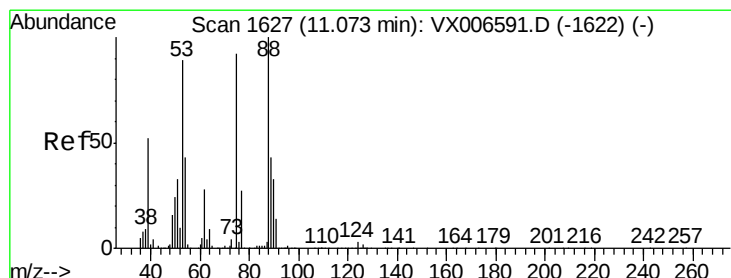
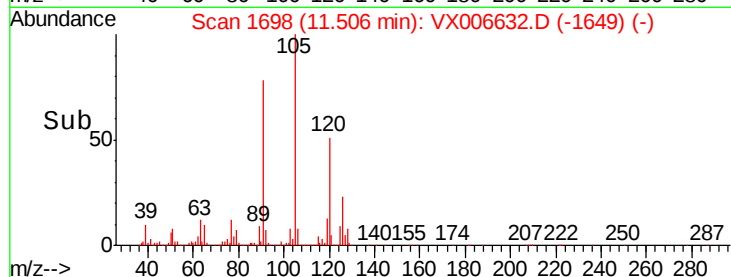
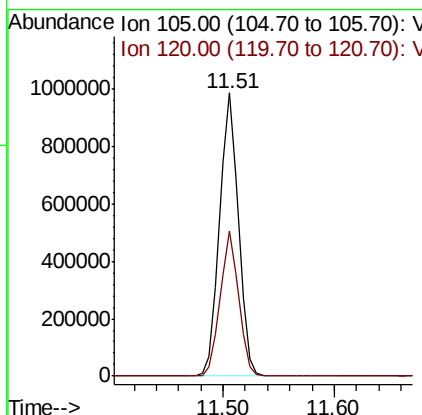
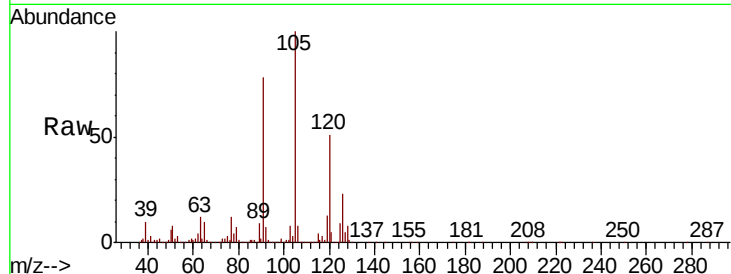




#80
 1,3,5-Trimethylbenzene
 Concen: 51.936 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

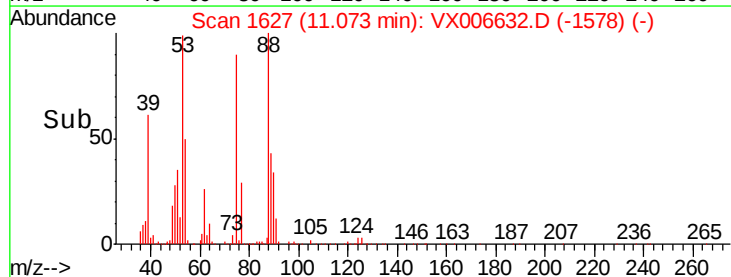
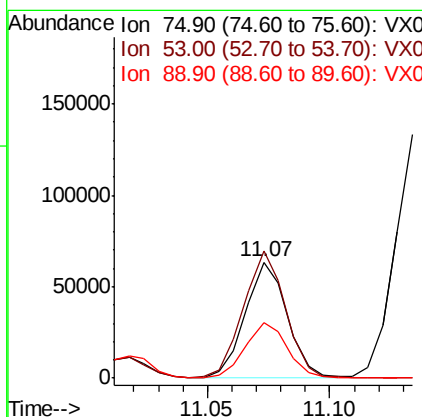
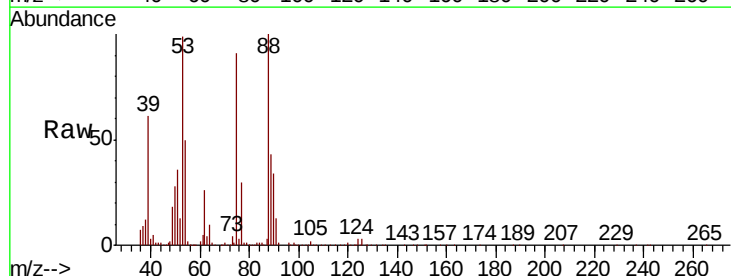
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

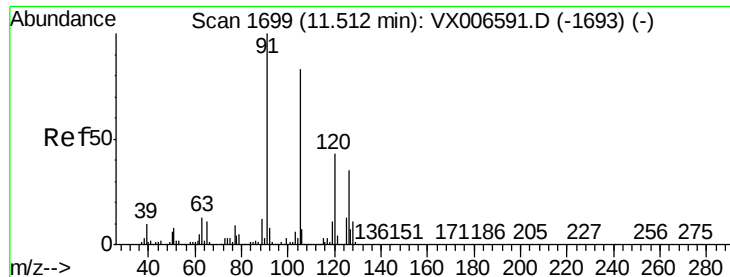
Tot Ion:105 Resp: 1156731
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 32.734 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion: 75 Resp: 75156
 Ion Ratio Lower Upper
 75 100
 53 110.4 79.7 119.5
 89 48.5 38.0 57.0

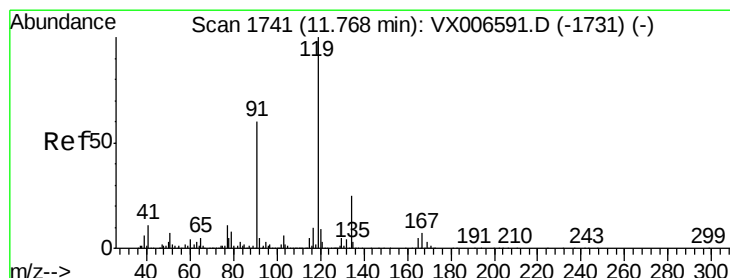
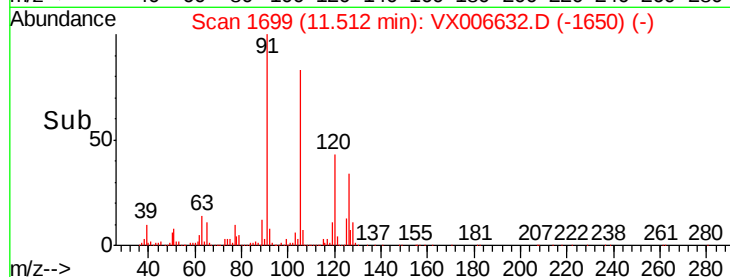
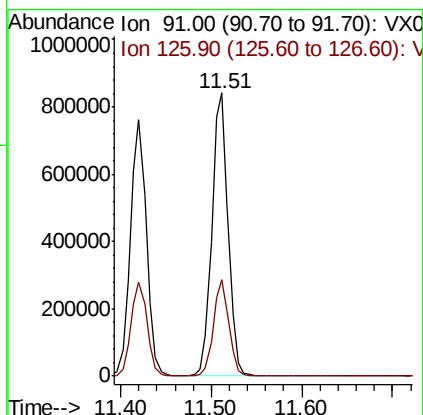
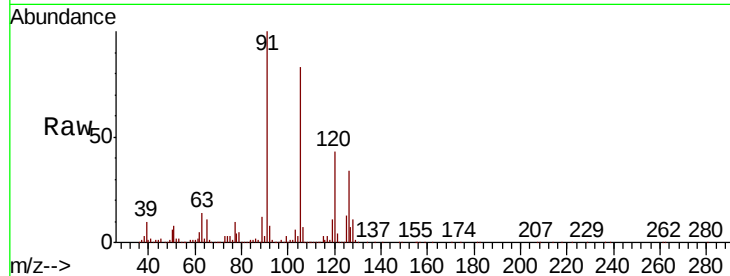




#82
4-Chlorotoluene
Concen: 51.381 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

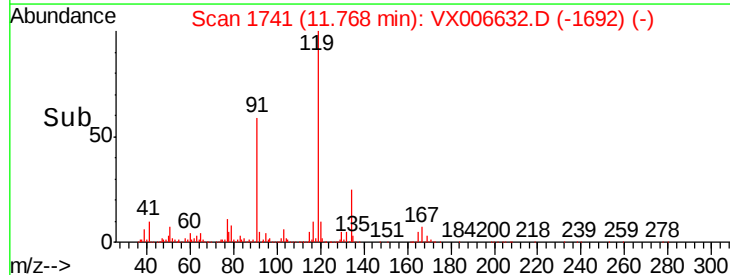
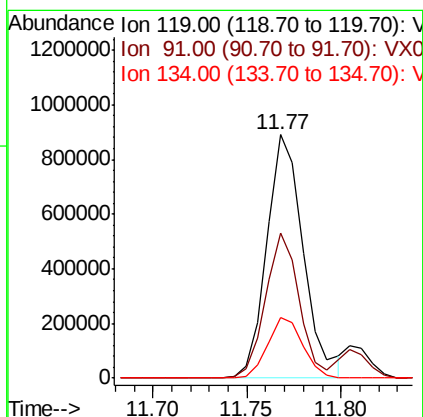
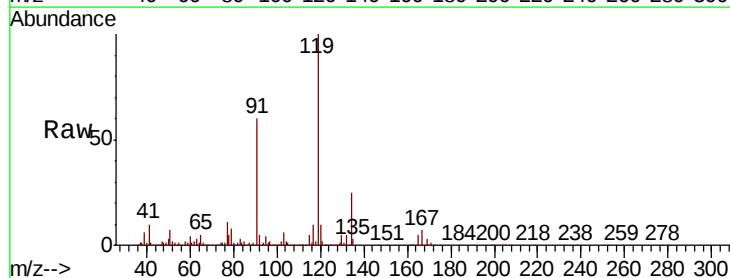
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

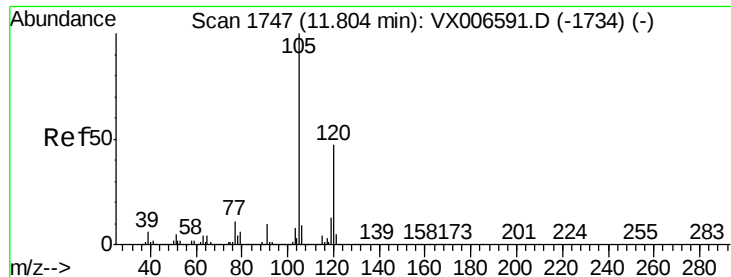
Tot Ion: 91 Resp: 1063533
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9



#83
tert-Butylbenzene
Concen: 53.768 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion: 119 Resp: 1198542
Ion Ratio Lower Upper
119 100
91 54.7 27.7 83.1
134 23.9 11.9 35.5

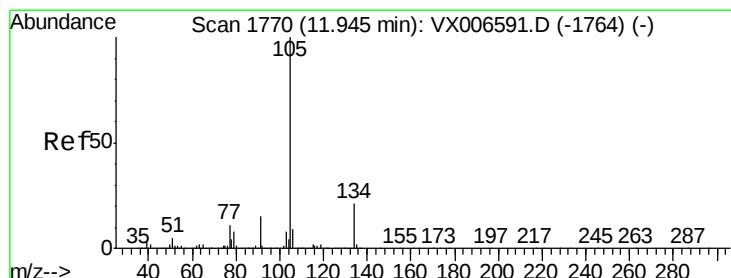
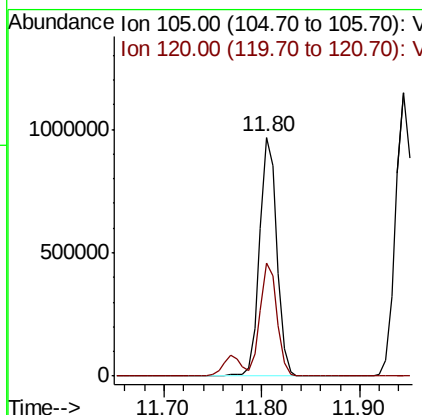
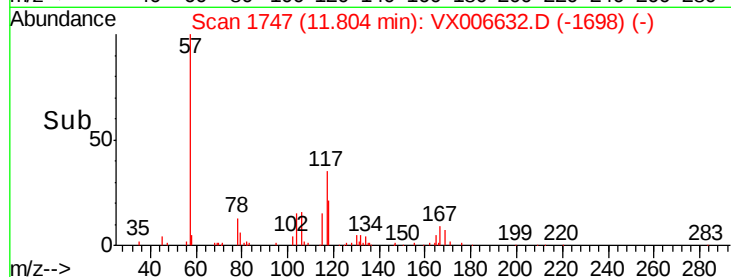
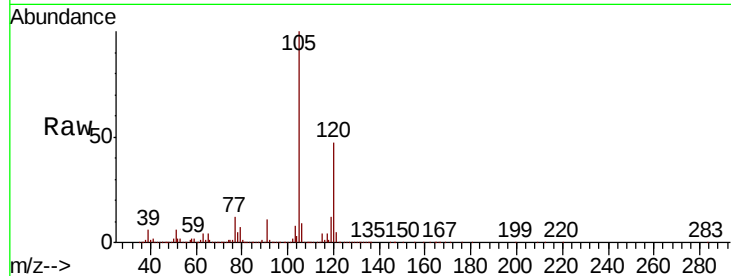




#84
 1,2,4-Trimethylbenzene
 Concen: 50.357 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

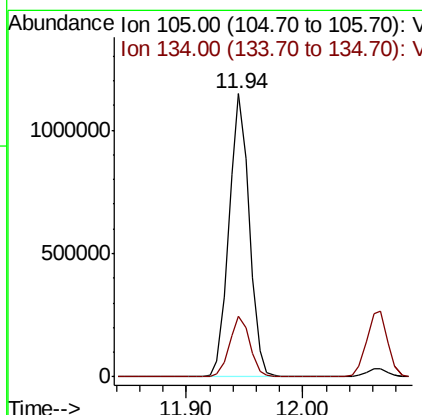
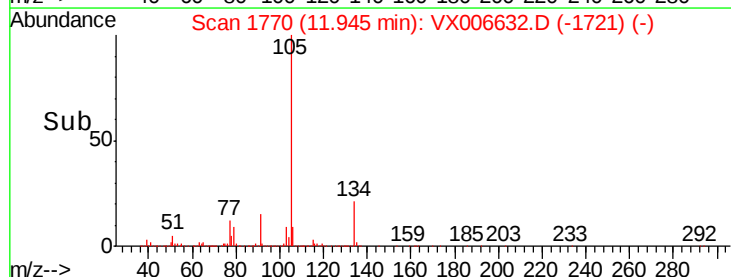
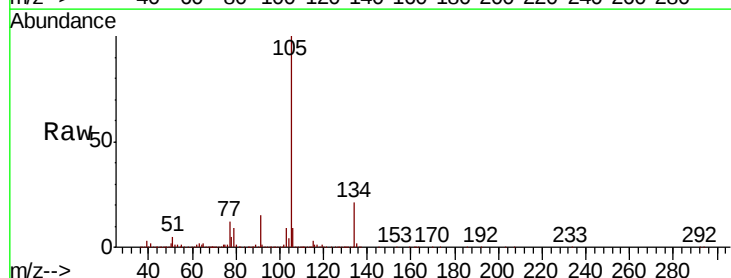
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

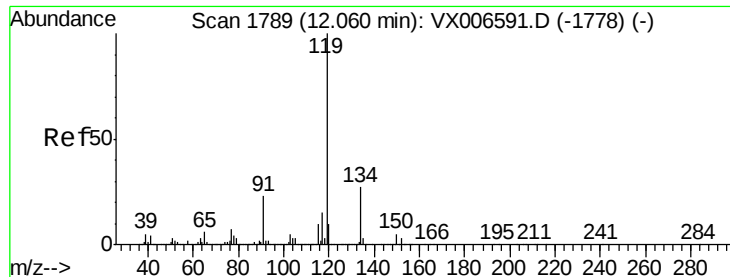
Tot Ion:105 Resp: 1179693
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 50.680 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Tgt Ion:105 Resp: 1385096
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.7 31.9





#86

p-Isopropyltoluene

Concen: 50.927 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

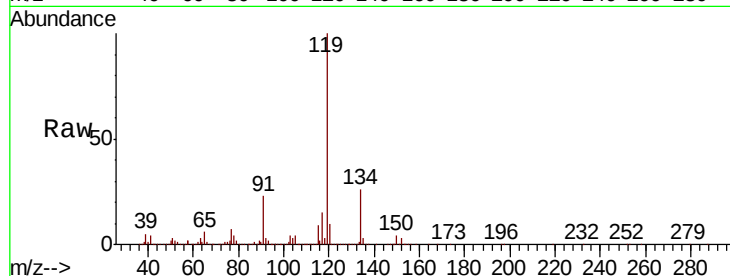
Tot Ion:119 Resp: 1223489

Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

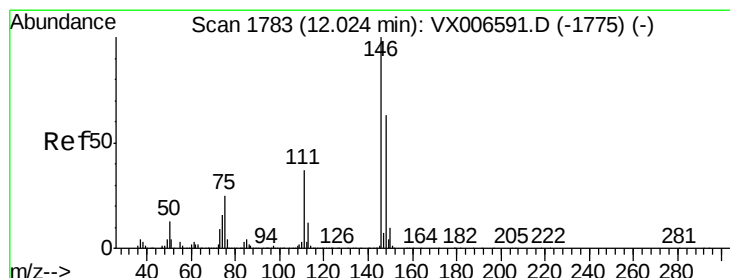
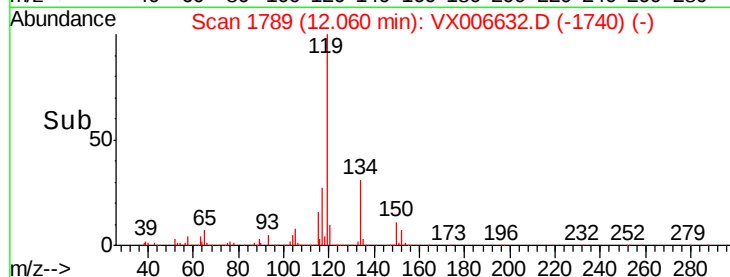
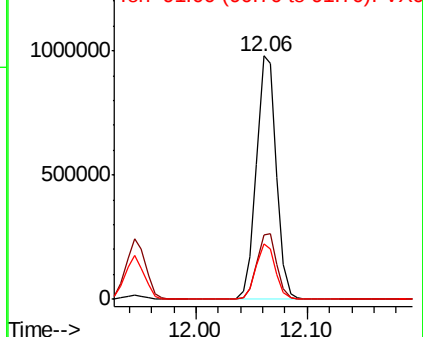
91 22.4 11.3 33.9



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): V



#87

1,3-Dichlorobenzene

Concen: 50.926 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

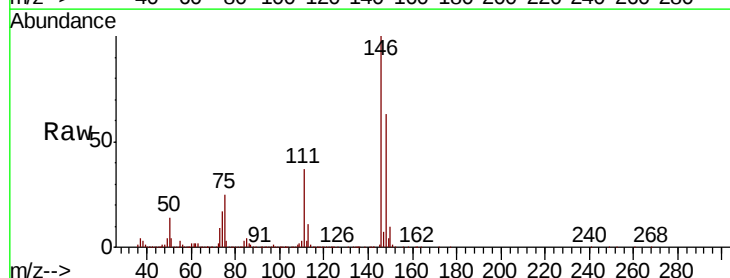
Tgt Ion:146 Resp: 670975

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

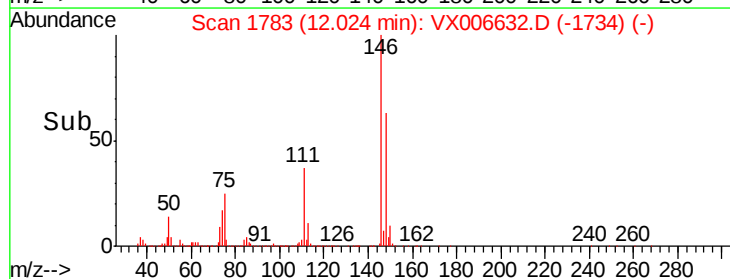
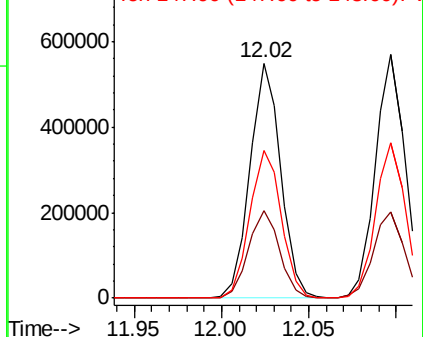
148 64.6 31.8 95.3

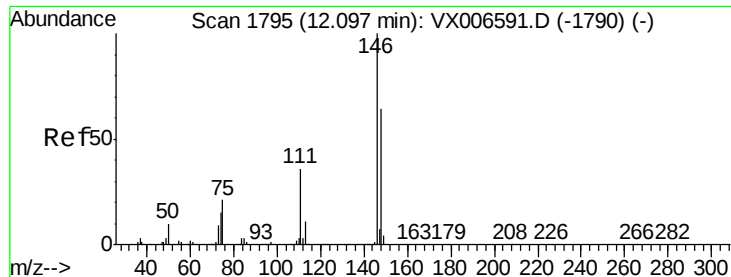


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 49.860 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

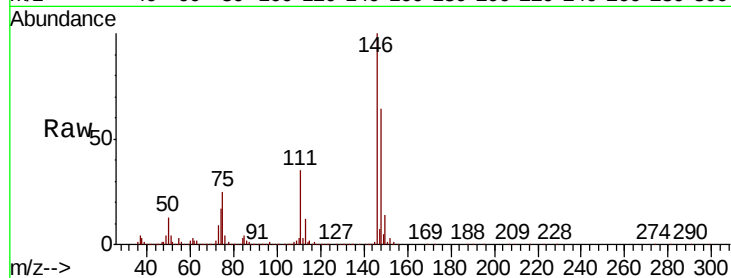
Tot Ion:146 Resp: 673436

Ion Ratio Lower Upper

146 100

111 36.9 18.1 54.1

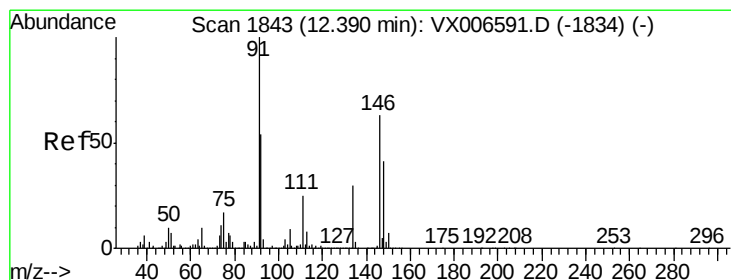
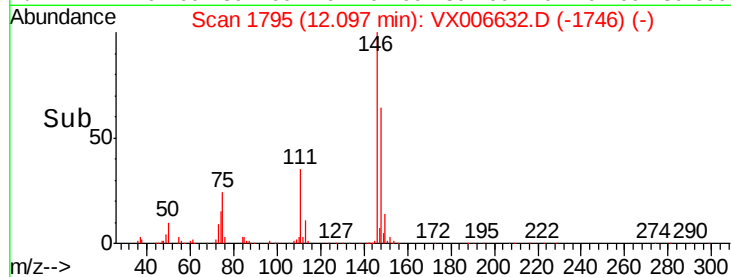
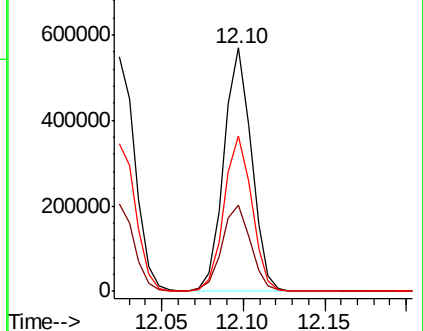
148 64.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 47.907 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

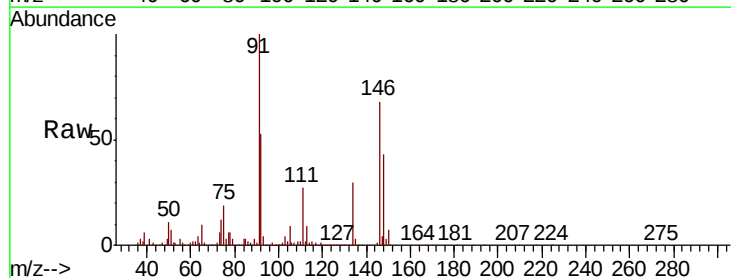
Tgt Ion: 91 Resp: 979495

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

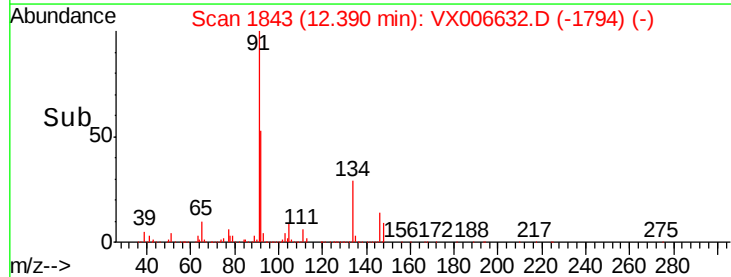
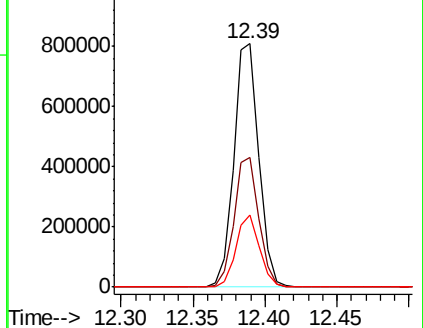
134 28.2 14.4 43.2

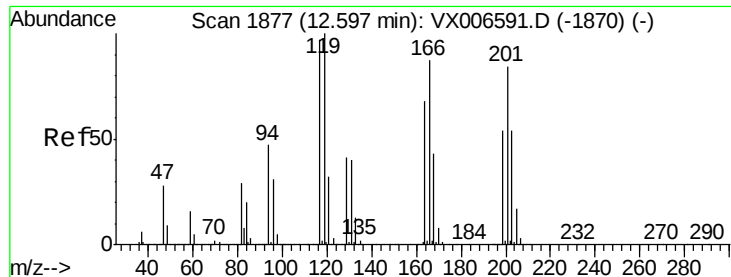


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

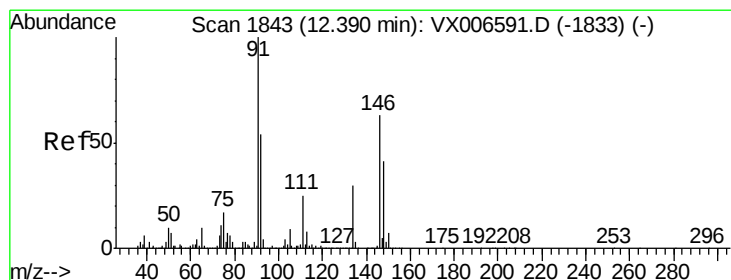
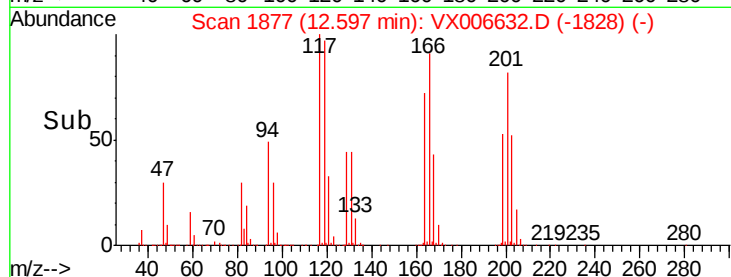
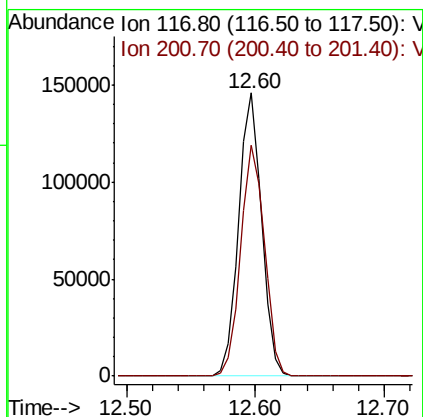
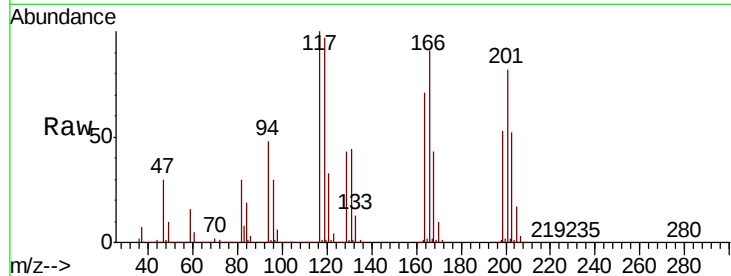




#90
Hexachloroethane
Concen: 48.192 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

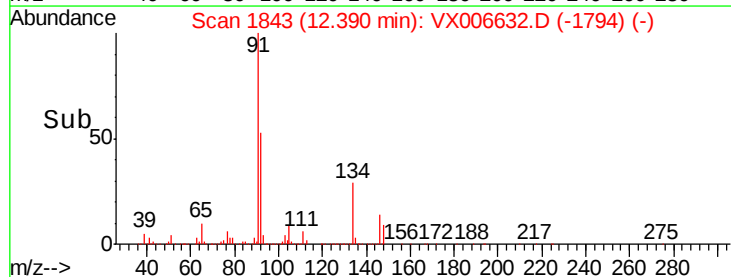
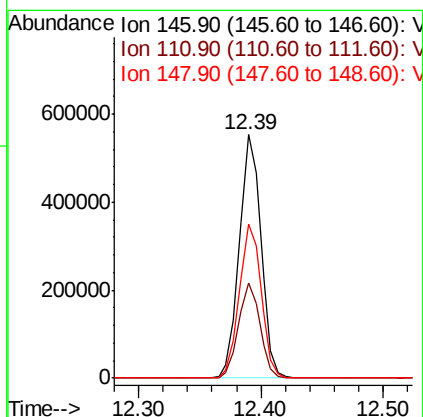
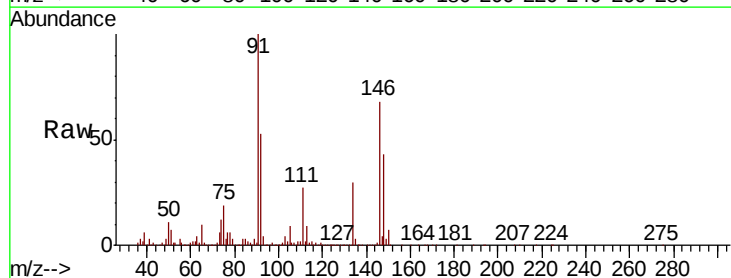
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MSD

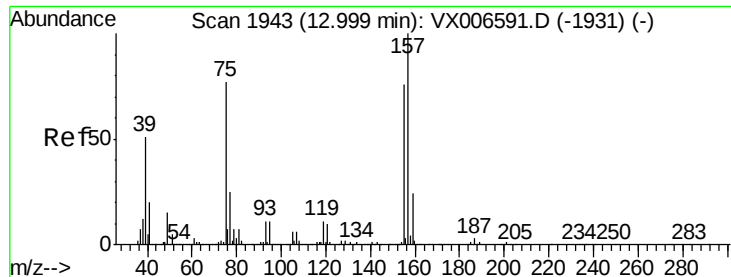
Tot Ion:117 Resp: 180720
Ion Ratio Lower Upper
117 100
201 84.0 42.9 128.7



#91
1,2-Dichlorobenzene
Concen: 51.197 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006632.D
Acq: 19 Dec 2018 07:25

Tgt Ion:146 Resp: 674771
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 64.0 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.964 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

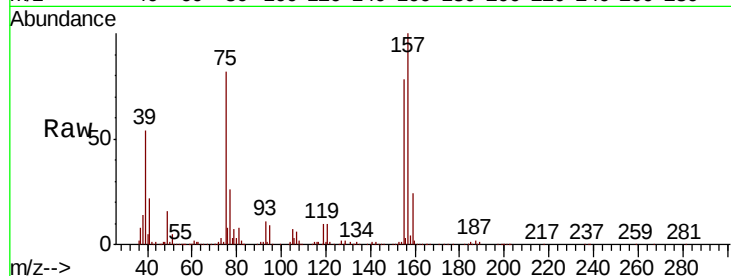
Tot Ion: 75 Resp: 88132

Ion Ratio Lower Upper

75 100

155 100.7 50.6 151.8

157 130.1 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX006632.D (-1894) (-)

120000

Ion 154.80 (154.50 to 155.50): VX006632.D (-1894) (-)

100000

Ion 156.80 (156.50 to 157.50): VX006632.D (-1894) (-)

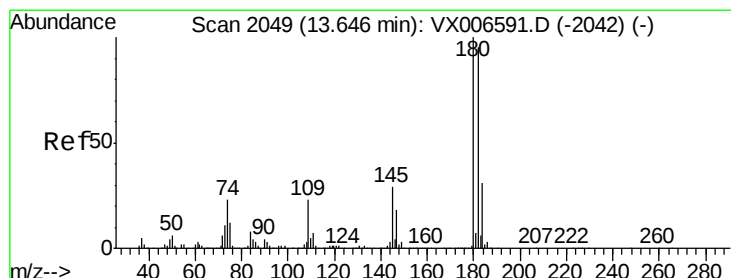
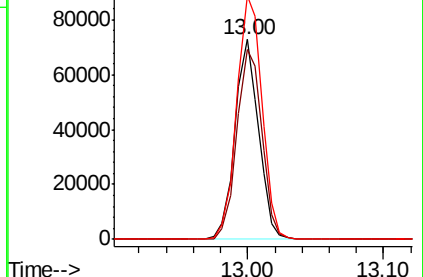
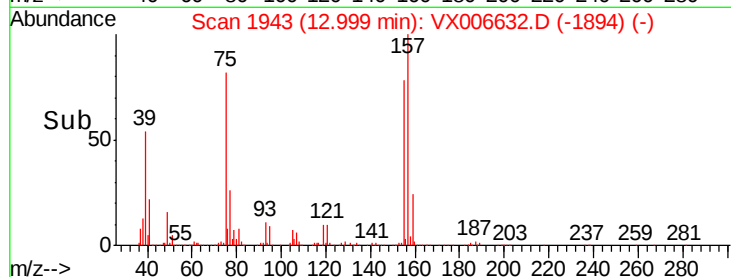
80000

60000

40000

20000

0



#93

1,2,4-Trichlorobenzene

Concen: 49.176 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

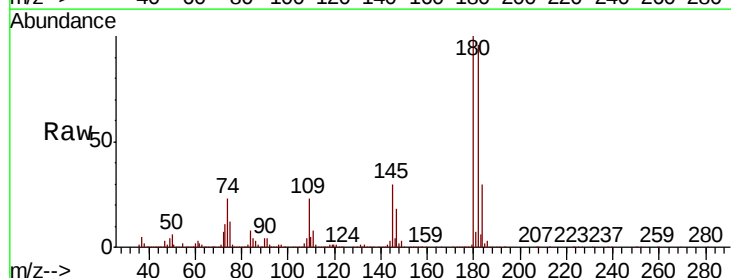
Tgt Ion: 180 Resp: 447083

Ion Ratio Lower Upper

180 100

182 96.5 47.3 142.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): VX006632.D (-2000) (-)

500000

Ion 181.80 (181.50 to 182.50): VX006632.D (-2000) (-)

400000

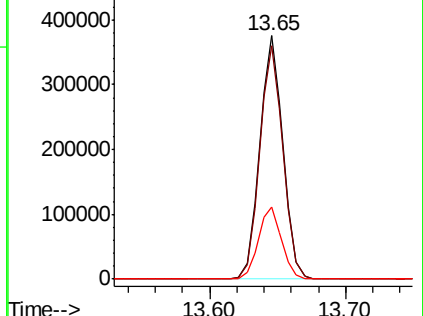
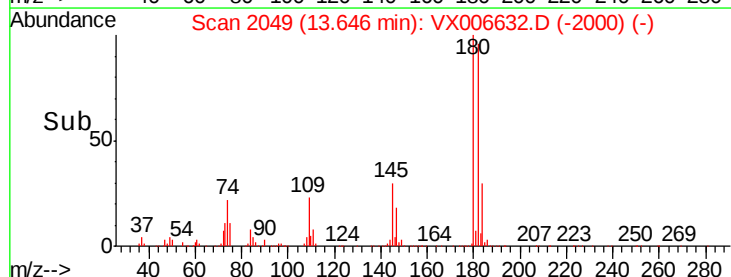
Ion 144.80 (144.50 to 145.50): VX006632.D (-2000) (-)

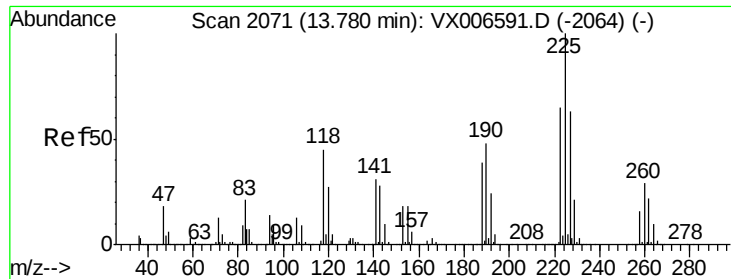
300000

200000

100000

0





#94

Hexachlorobutadiene

Concen: 44.756 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MSD

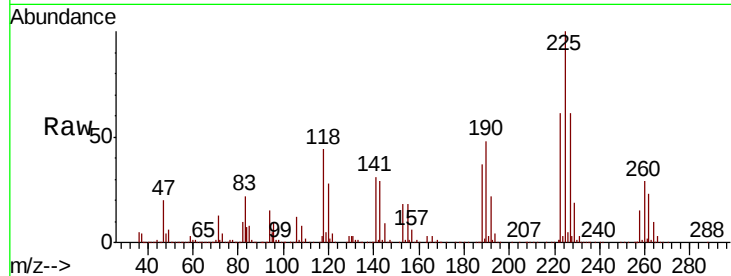
Tot Ion:225 Resp: 191788

Ion Ratio Lower Upper

225 100

223 61.2 32.1 96.3

227 62.3 32.3 96.8

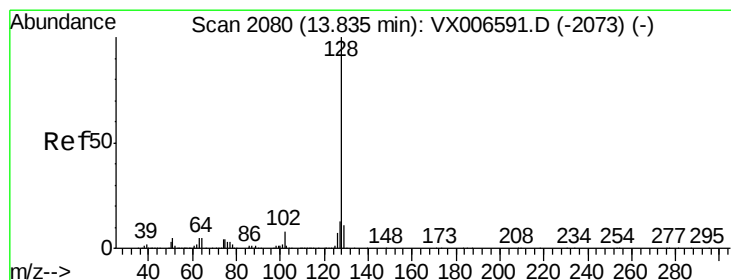
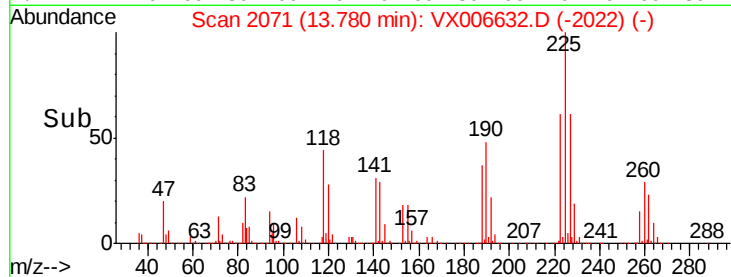
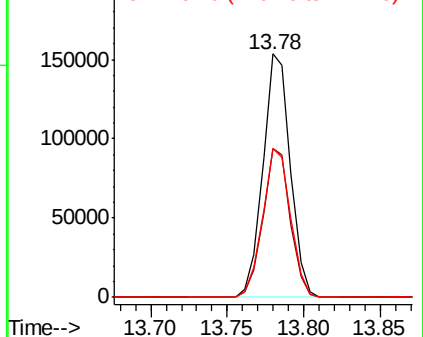


Abundance

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: 52.573 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006632.D

Acq: 19 Dec 2018 07:25

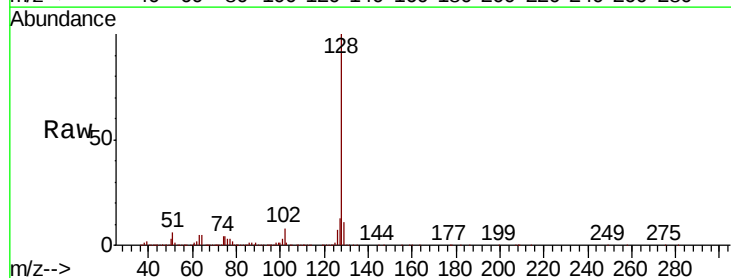
Tgt Ion:128 Resp: 1525491

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.6 13.0

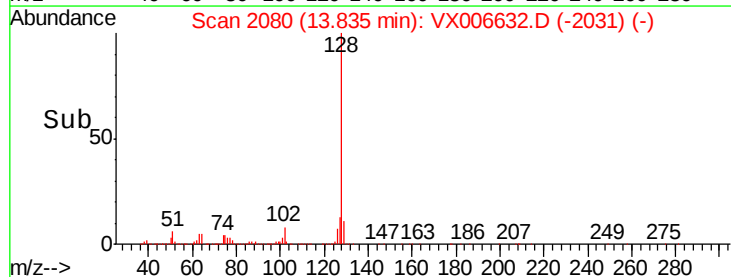
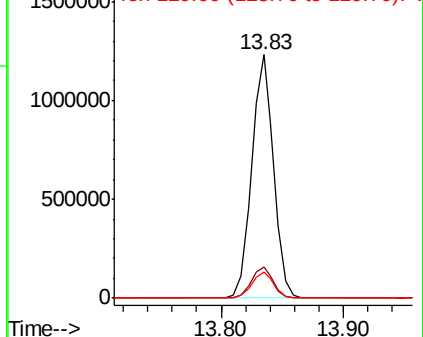


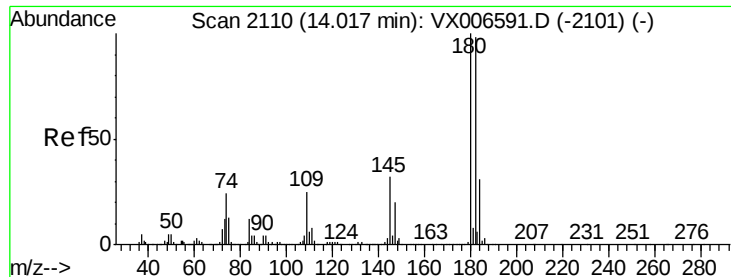
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.082 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX006632.D
 Acq: 19 Dec 2018 07:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.5	145.5
145	31.7	16.0	47.9

