

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007287.D
 Acq On : 29 Jan 2019 14:49
 Operator : JC/SP
 Sample : VX0129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 02:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	80148	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	426962	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	390429	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	157995	30.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.10%
60) 4-Bromofluorobenzene	11.13	95	182146	30.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.77%
63) Toluene-d8	8.71	98	523071	29.72	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	65232	18.132	ug/l 94
3) Chloromethane	1.33	50	77545	19.280	ug/l 99
4) Vinyl Chloride	1.41	62	89386	19.584	ug/l 98
5) Bromomethane	1.64	94	90924	19.113	ug/l 97
6) Chloroethane	1.73	64	58844	19.130	ug/l 96
7) Trichlorofluoromethane	1.93	101	149619	19.416	ug/l 99
8) Diethyl Ether	2.19	74	58451	20.067	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86491	19.004	ug/l 98
10) 1,1-Dichloroethene	2.38	96	82518	19.948	ug/l 100
11) Methyl Iodide	2.51	142	121115	18.047	ug/l 95
12) Methyl Acetate	2.78	43	139603	19.816	ug/l 100
13) Acrolein	2.30	56	53768	105.424	ug/l 96
14) Acrylonitrile	3.15	53	265272	100.577	ug/l 99
15) Acetone	2.45	58	73348	97.839	ug/l 99
16) Carbon Disulfide	2.57	76	172658	17.310	ug/l 100
17) Allyl chloride	2.73	41	137747	19.152	ug/l 94
18) Methylene Chloride	2.86	84	97579	20.467	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	88188	19.688	ug/l 94
20) Diisopropyl ether	3.87	45	268351	20.041	ug/l 91
21) 1,1-Dichloroethane	3.70	63	148252	19.386	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	98319	19.959	ug/l 97
23) tert-Butyl Alcohol	3.07	59	106984	96.521	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	291993	20.152	ug/l 99
25) Chloroform	5.21	83	158658	20.073	ug/l 99
26) Cyclohexane	5.58	56	123511	19.176	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	110139	19.788	ug/l 98
30) 2-Butanone	4.70	43	332681	100.033	ug/l # 98
31) 2,2-Dichloropropane	4.59	77	100862	17.937	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	129884	19.745	ug/l 98
33) Carbon Tetrachloride	5.79	117	109544	18.945	ug/l 98
34) Benzene	6.14	78	347336	20.231	ug/l 98
35) Methacrylonitrile	5.06	41	68135	20.071	ug/l 96
36) 1,2-Dichloroethane	6.20	62	120335	20.312	ug/l 100
37) Trichloroethene	7.21	130	101829	20.116	ug/l 99
38) Methylcyclohexane	7.46	83	135356	19.189	ug/l 96
39) 1,2-Dichloropropane	7.51	63	89078	20.689	ug/l 98
40) Dibromomethane	7.66	93	62595	20.183	ug/l 100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 02:53:24 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon Jan 28 10:35:22 2019

Response via : Initial Calibration

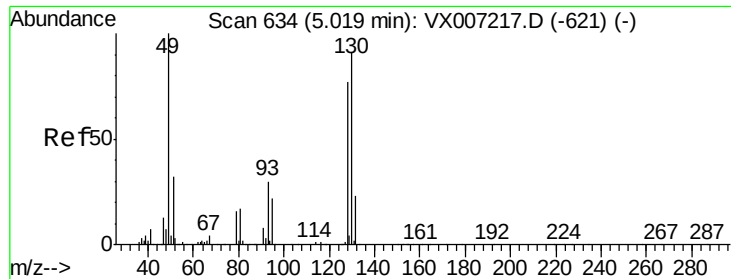
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	103122	18.946	ug/l	96
42) Vinyl Acetate	3.82	43	1096496	97.242	ug/l	100
43) Ethyl Acetate	4.85	43	120685	19.448	ug/l	99
44) Isopropyl Acetate	6.46	43	191626	19.771	ug/l	100
45) 1,4-Dioxane	7.75	88	41585	354.069	ug/l	95
46) Methyl methacrylate	7.77	41	98743	19.925	ug/l	98
47) n-amyl Acetate	10.90	43	167366	19.639	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	110413	18.599	ug/l	94
49) cis-1,3-Dichloropropene	8.44	75	126247	19.143	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	96769	20.789	ug/l	93
51) Ethyl methacrylate	9.18	69	133826	20.121	ug/l	97
52) 1,3-Dichloropropane	9.37	76	152551	20.467	ug/l	100
53) Dibromochloromethane	9.58	129	89410	19.004	ug/l	100
54) 1,2-Dibromoethane	9.67	107	102358	20.426	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	366705	100.222	ug/l	99
56) Bromoform	10.86	173	64028	17.923	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	658102	100.802	ug/l	100
59) 2-Hexanone	9.49	43	496081	98.192	ug/l	99
61) Tetrachloroethene	9.33	164	107225	19.703	ug/l	98
62) Toluene	8.78	91	393013	19.998	ug/l	100
64) Chlorobenzene	10.14	112	259290	20.000	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	89653	19.523	ug/l	99
66) Ethyl Benzene	10.25	91	422507	19.843	ug/l	100
67) m/p-Xylenes	10.36	106	330456	39.300	ug/l	97
68) o-Xylene	10.69	106	161202	19.570	ug/l	99
69) Styrene	10.71	104	260496	19.602	ug/l	99
70) Isopropylbenzene	11.02	105	431735	19.798	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	140795	20.165	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	132147m	20.131	ug/l	
73) Bromobenzene	11.26	156	119241	19.756	ug/l	98
74) n-propylbenzene	11.36	91	483631	19.706	ug/l	99
75) 2-Chlorotoluene	11.42	91	286794	19.706	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	351834	19.331	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	31396	16.462	ug/l	98
78) 4-Chlorotoluene	11.51	91	325434	19.205	ug/l	99
79) tert-butylbenzene	12.07	119	382188	19.408	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	362714	19.682	ug/l	99
81) sec-Butylbenzene	11.94	105	428215	19.512	ug/l	99
82) p-Isopropyltoluene	12.07	119	382188	19.408	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	209235	19.501	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	204566	19.057	ug/l	99
85) n-Butylbenzene	12.39	91	310900	18.396	ug/l	100
86) Hexachloroethane	12.60	117	56302	18.492	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	208355	19.503	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	27410	19.261	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	139465	19.015	ug/l	99
90) Hexachlorobutadiene	13.79	225	64431	18.419	ug/l	98
91) Naphthalene	13.83	128	428296	19.292	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	143333	19.709	ug/l	99

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

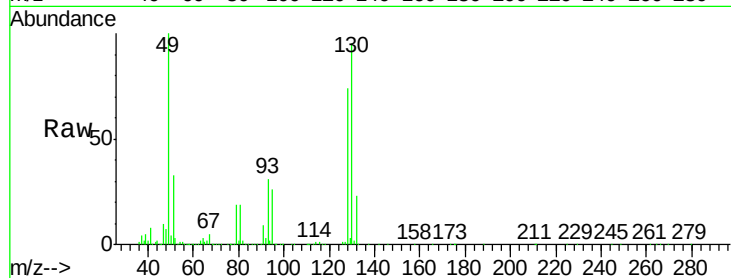
Tot Ion:128 Resp: 80148

Ion Ratio Lower Upper

128 100

49 135.8 0.0 345.5

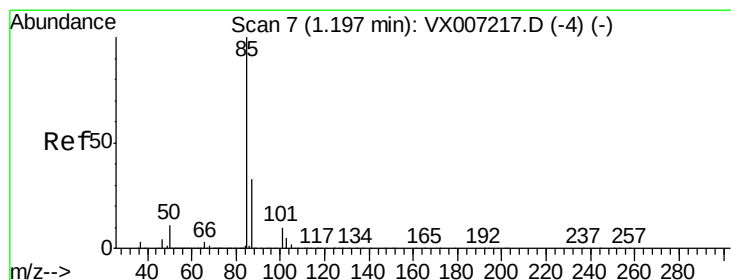
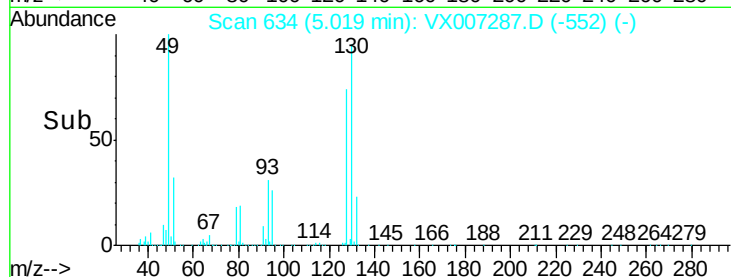
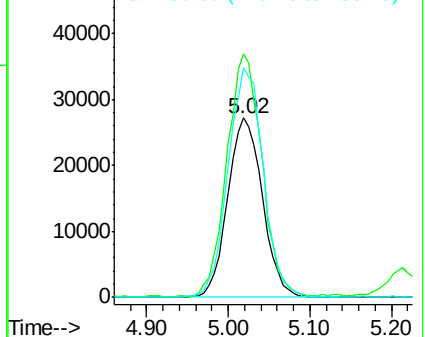
130 129.5 0.0 320.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.132 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007287.D

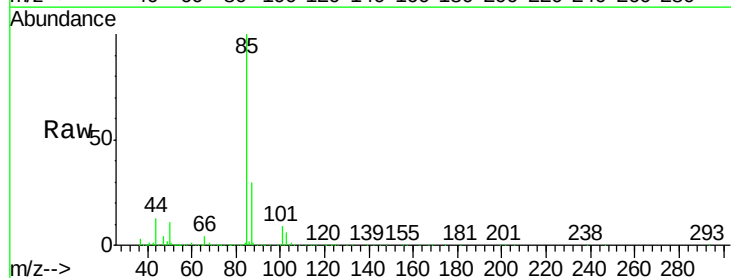
Acq: 29 Jan 2019 14:49

Tgt Ion: 85 Resp: 65232

Ion Ratio Lower Upper

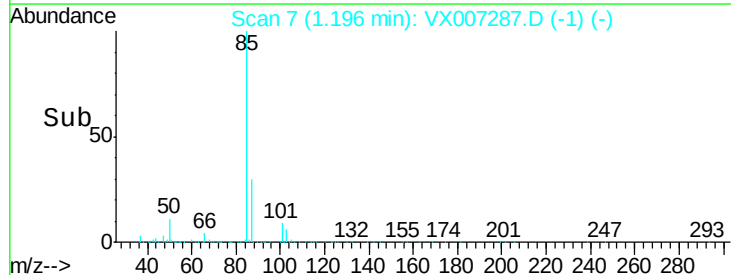
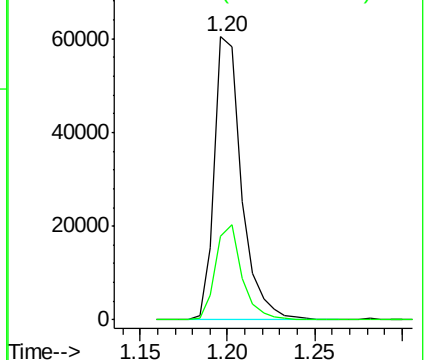
85 100

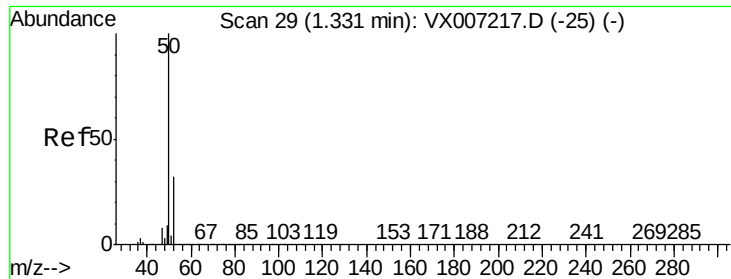
87 29.6 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.280 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007287.D

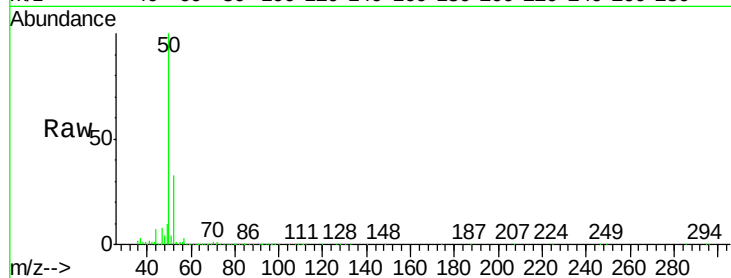
Acq: 29 Jan 2019 14:49

Tot Ion: 50 Resp: 77545

Ion Ratio Lower Upper

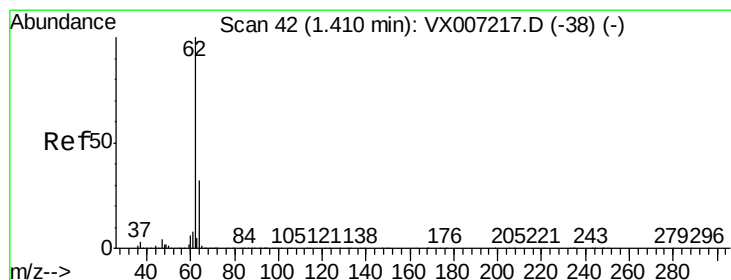
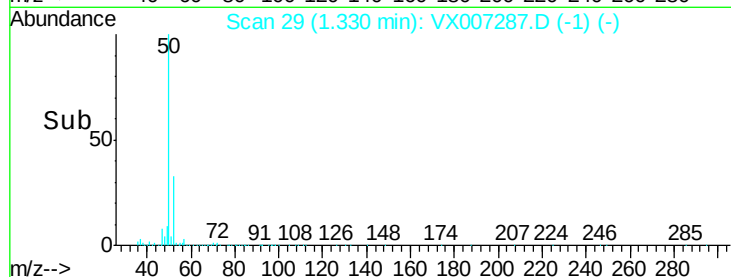
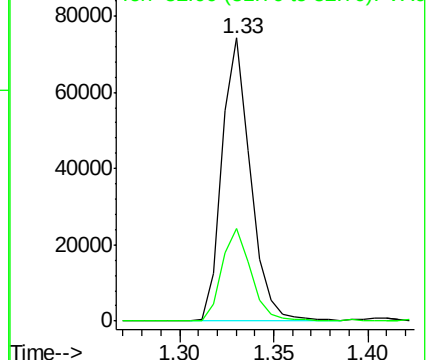
50 100

52 32.5 25.7 38.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.584 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007287.D

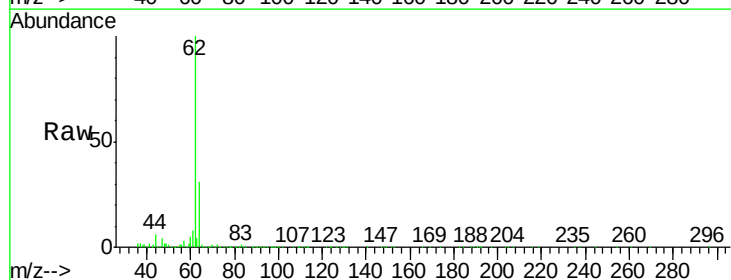
Acq: 29 Jan 2019 14:49

Tgt Ion: 62 Resp: 89386

Ion Ratio Lower Upper

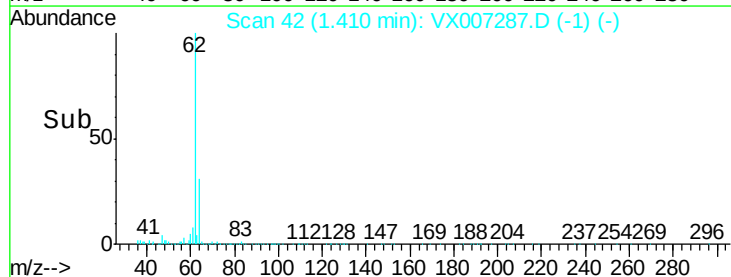
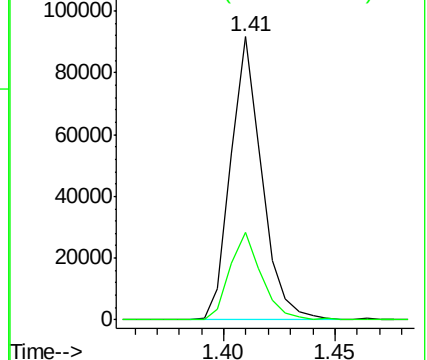
62 100

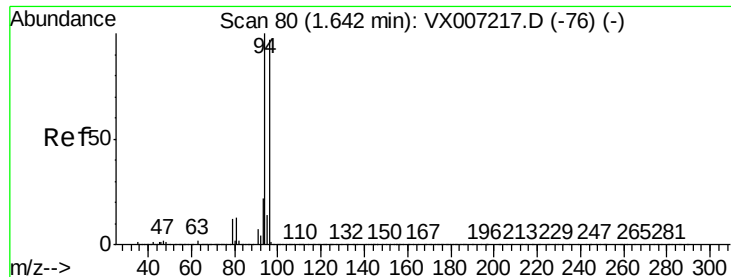
64 30.8 25.5 38.3



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 19.113 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007287.D

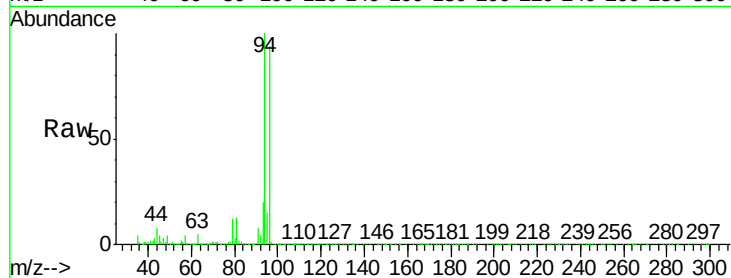
Acq: 29 Jan 2019 14:49

Tot Ion: 94 Resp: 90924

Ion Ratio Lower Upper

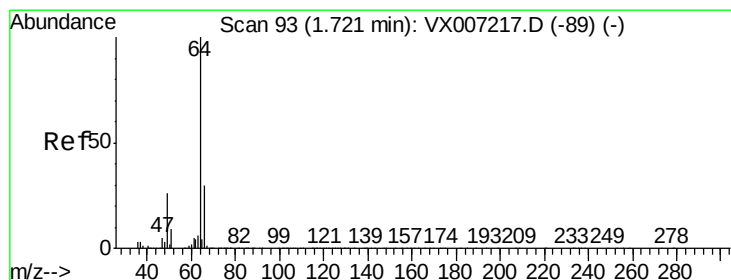
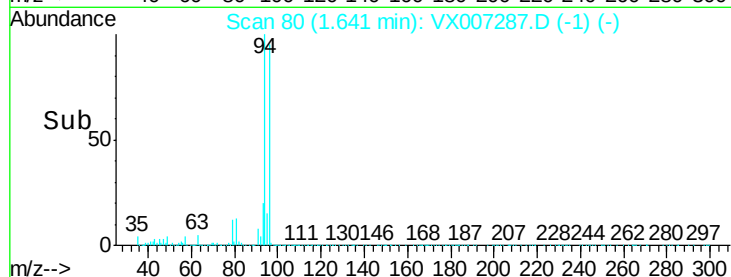
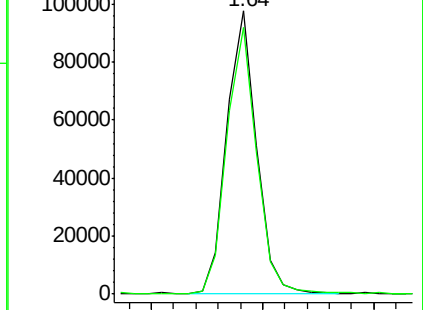
94 100

96 94.2 77.4 116.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.130 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007287.D

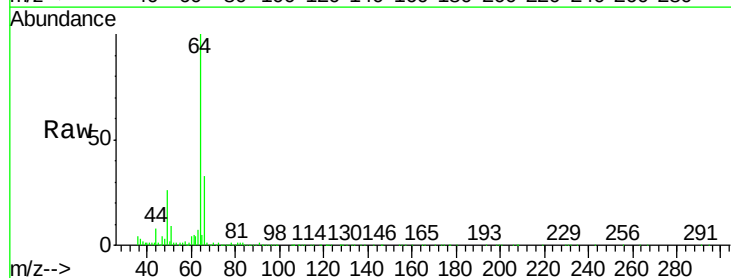
Acq: 29 Jan 2019 14:49

Tgt Ion: 64 Resp: 58844

Ion Ratio Lower Upper

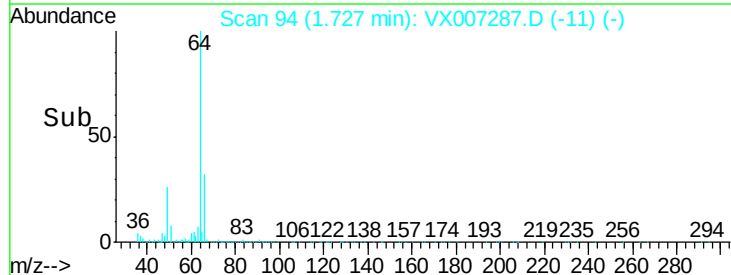
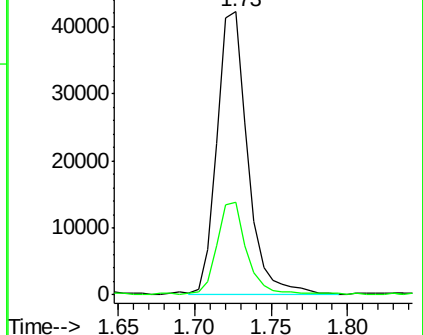
64 100

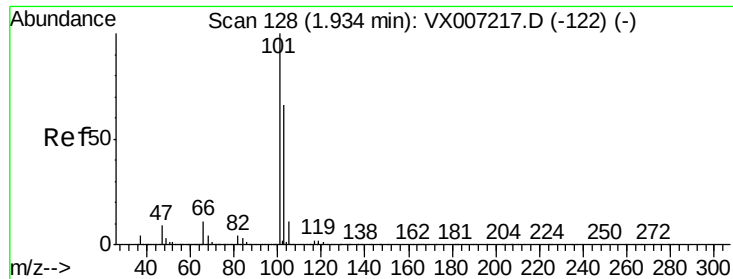
66 32.4 24.2 36.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 19.416 ug/l

RT: 1.93 min Scan# 128

Delta R.T. -0.00 min

Lab File: VX007287.D

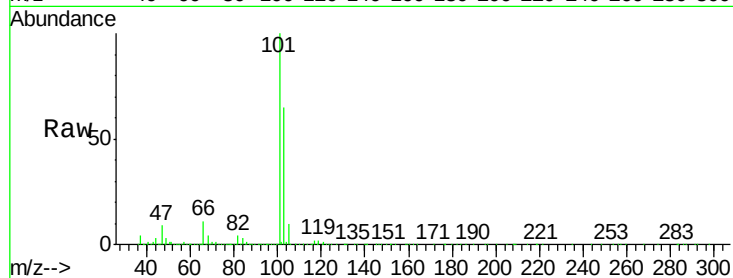
Acq: 29 Jan 2019 14:49

Tot Ion:101 Resp: 149619

Ion Ratio Lower Upper

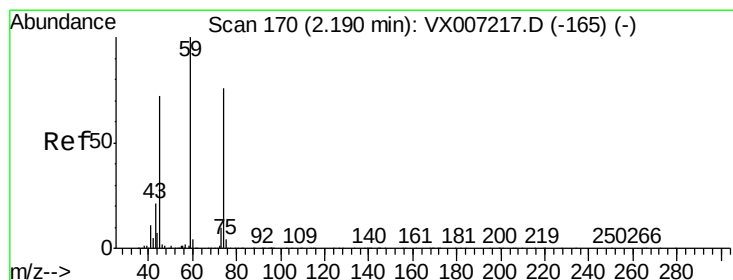
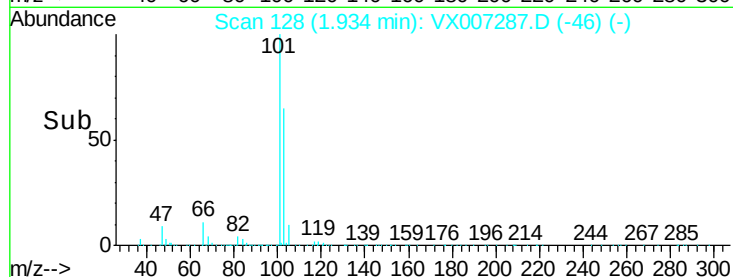
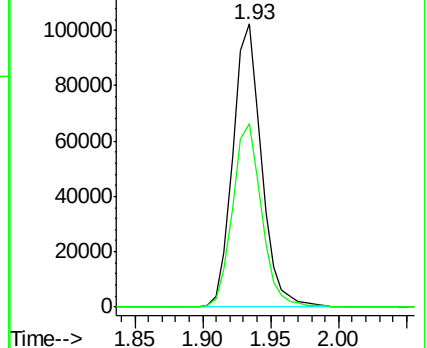
101 100

103 64.9 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 20.067 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX007287.D

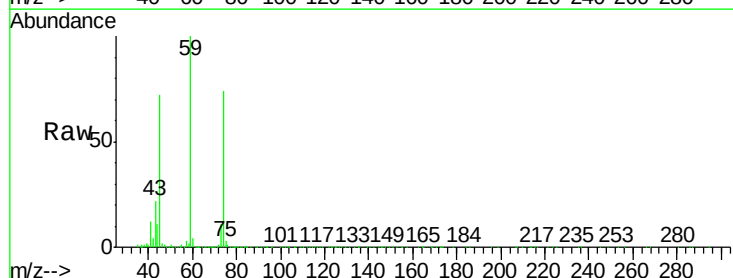
Acq: 29 Jan 2019 14:49

Tgt Ion: 74 Resp: 58451

Ion Ratio Lower Upper

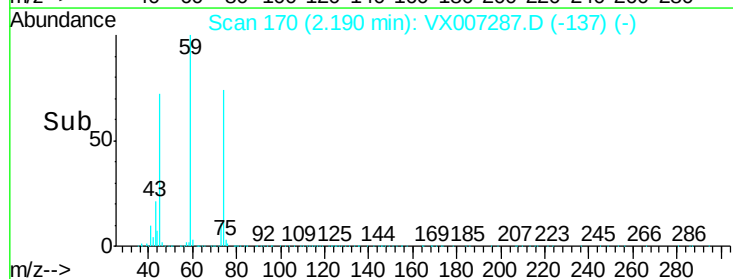
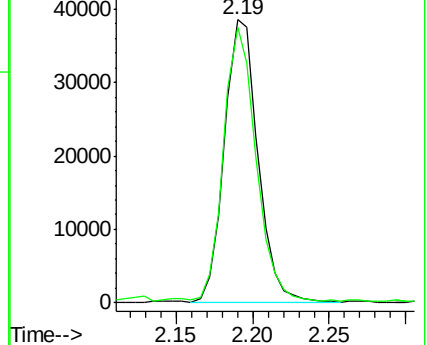
74 100

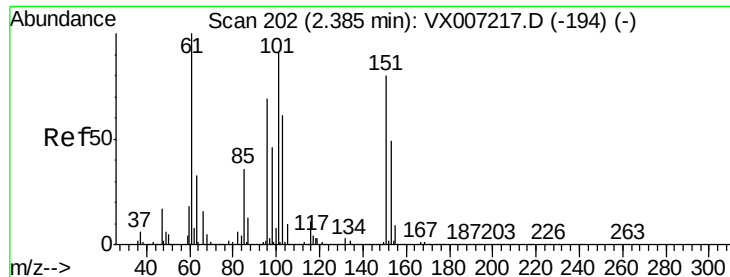
45 94.2 18.6 167.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.004 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

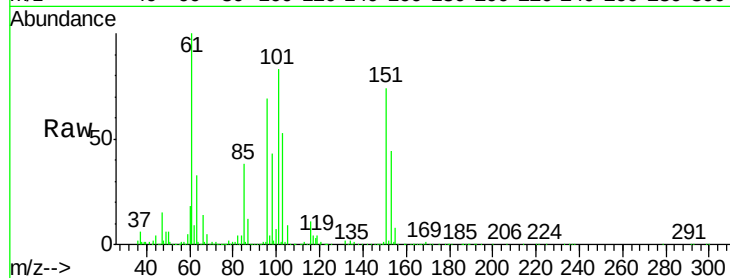
Tot Ion: 101 Resp: 86491

Ion Ratio Lower Upper

101 100

85 45.7 0.0 87.4

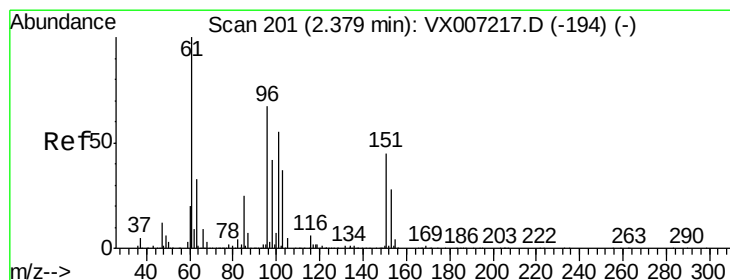
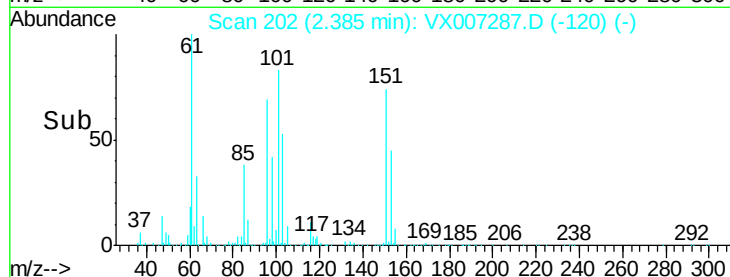
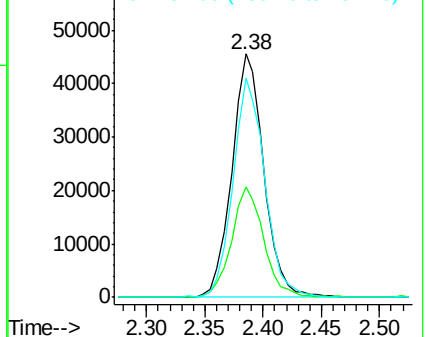
151 90.1 0.0 176.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.948 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

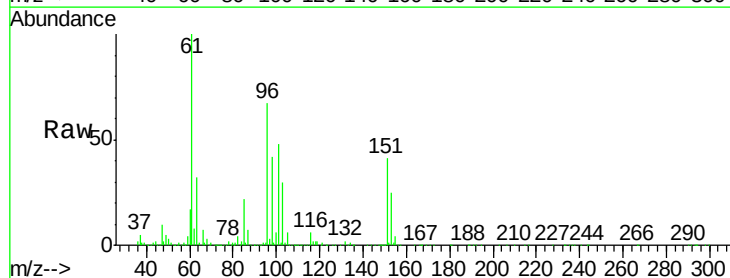
Tgt Ion: 96 Resp: 82518

Ion Ratio Lower Upper

96 100

61 149.6 119.6 179.4

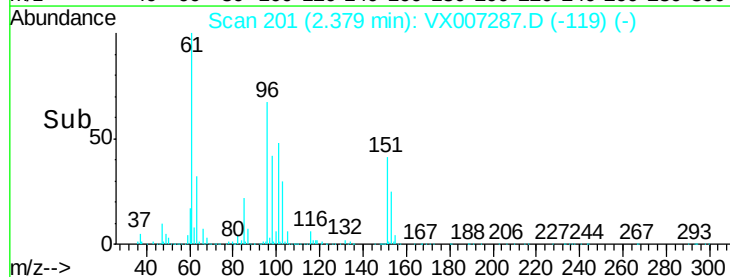
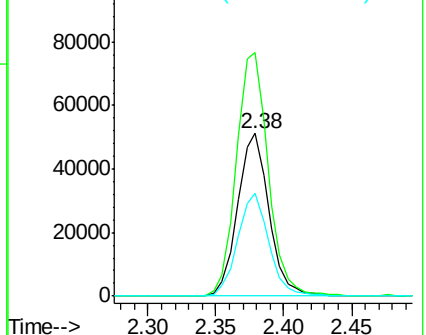
98 63.4 50.9 76.3

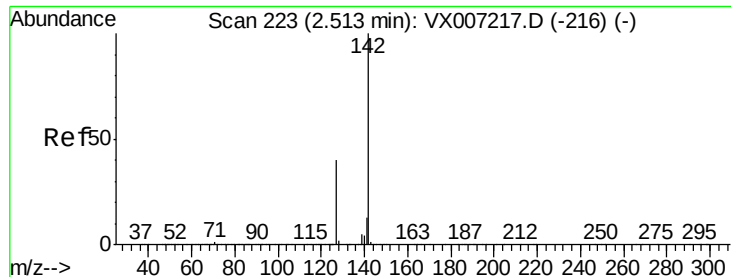


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

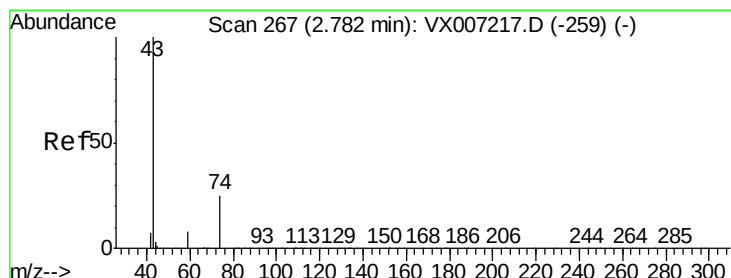
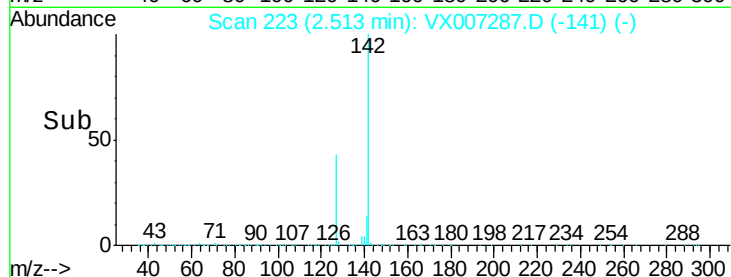
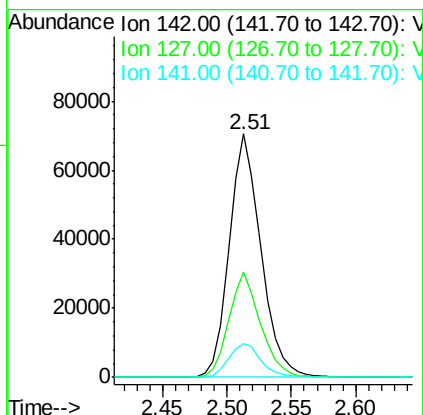
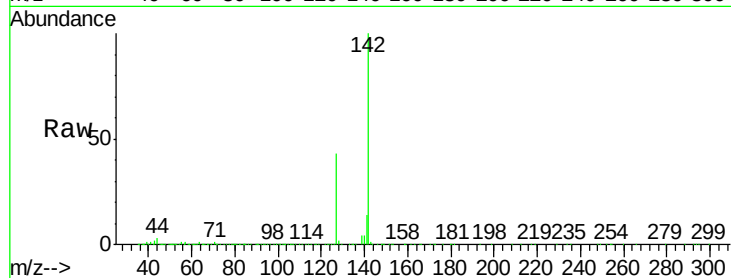
Ion 98.00 (97.70 to 98.70): VX0





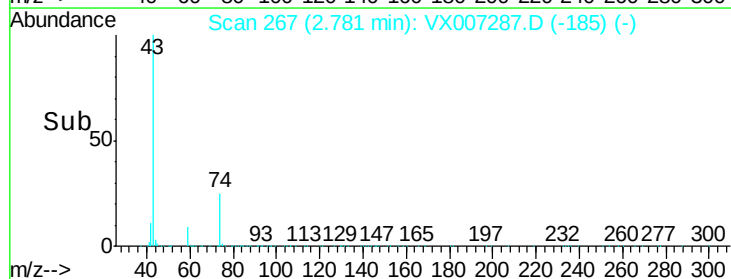
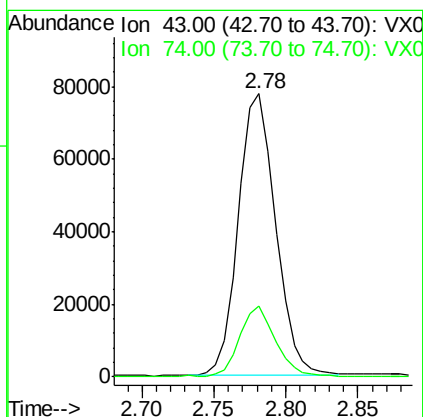
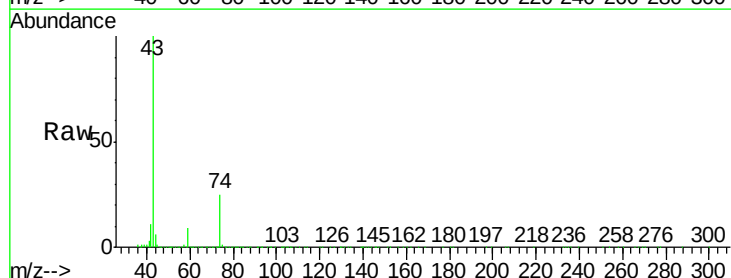
#11
Methvl Iodide
Concen: 18.047 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

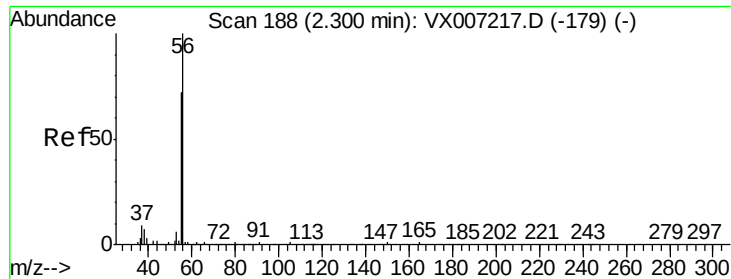
Tot Ion	Ratio	Lower	Upper
142	100		
127	43.3	20.0	59.9
141	14.0	6.3	19.1



#12
Methyl Acetate
Concen: 19.816 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.8





#13

Acrolein

Concen: 105.424 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007287.D

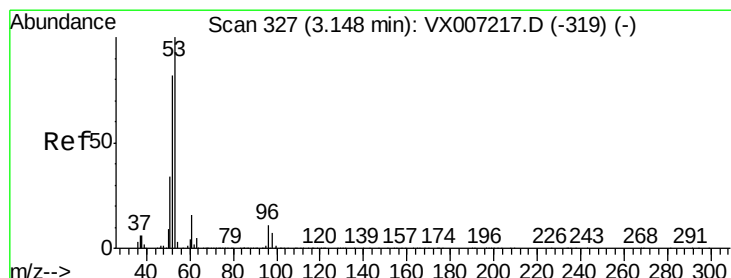
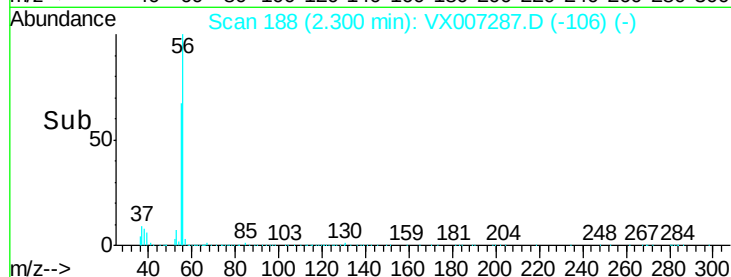
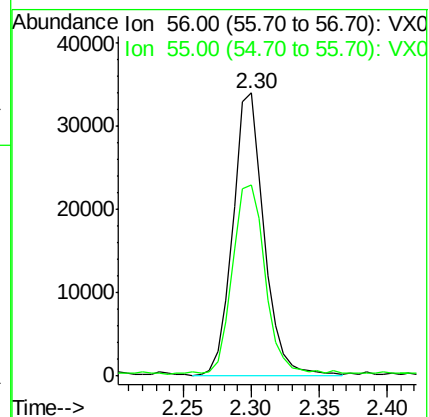
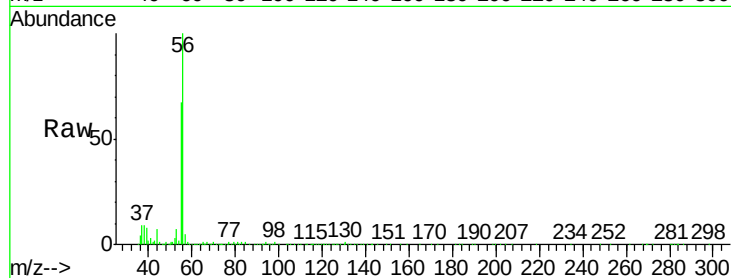
Acq: 29 Jan 2019 14:49

Tot Ion: 56 Resp: 53768

Ion Ratio Lower Upper

56 100

55 69.9 58.6 87.8



#14

Acrylonitrile

Concen: 100.577 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

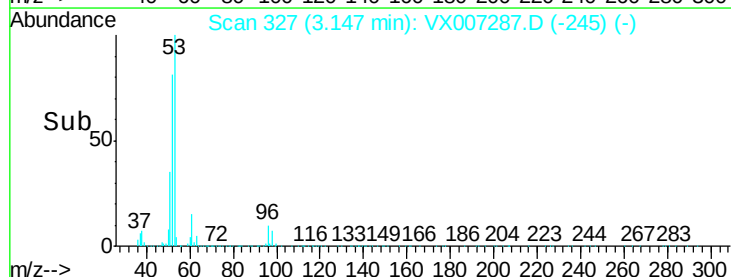
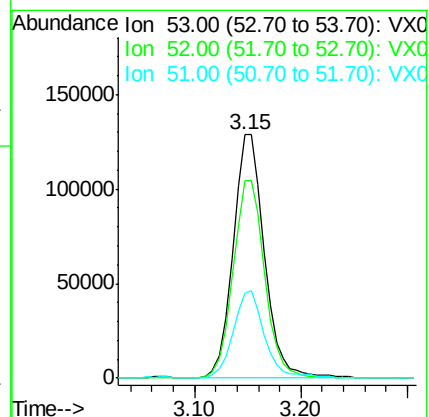
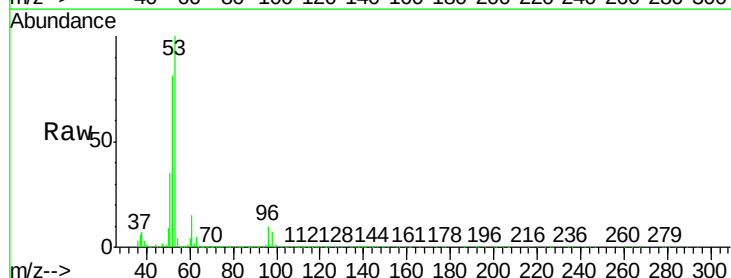
Tgt Ion: 53 Resp: 265272

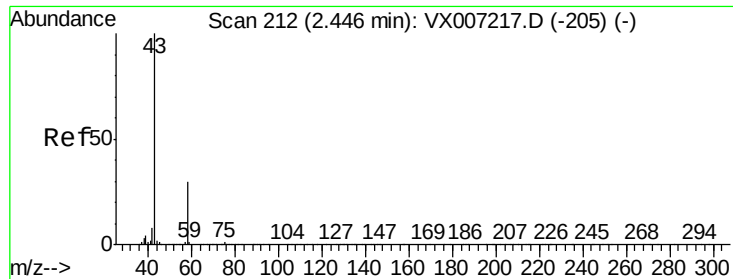
Ion Ratio Lower Upper

53 100

52 81.4 41.3 124.1

51 35.8 17.9 53.8





#15

Acetone

Concen: 97.839 ug/l

RT: 2.45 min Scan# 212

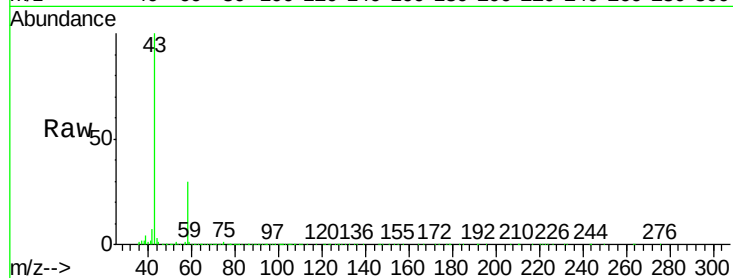
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

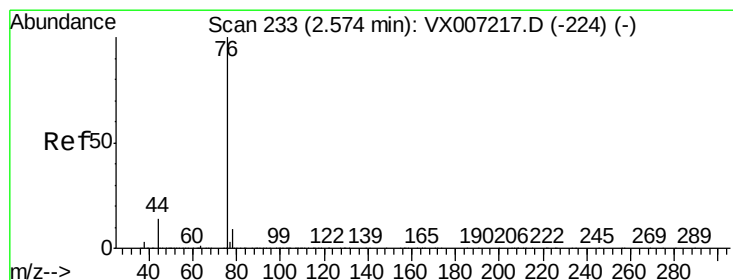
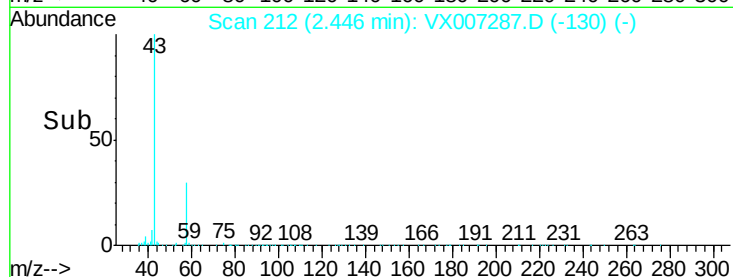
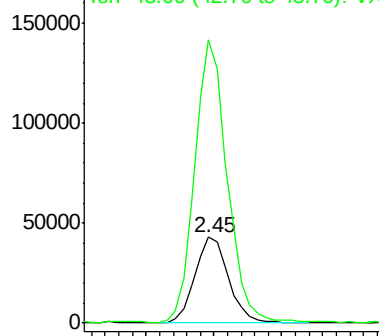
Tot Ion: 58 Resp: 73348

Ion	Ratio	Lower	Upper
58	100		
43	329.5	265.9	398.9



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.310 ug/l

RT: 2.57 min Scan# 233

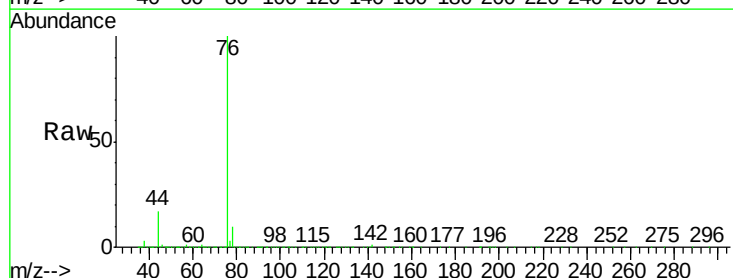
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

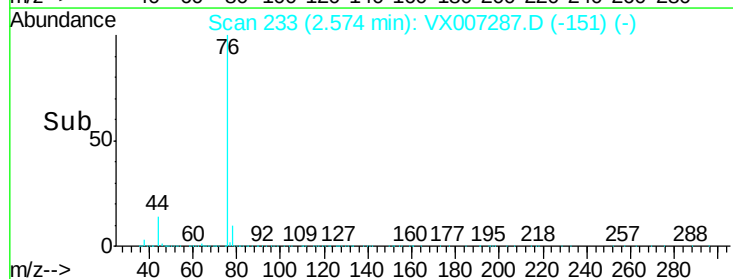
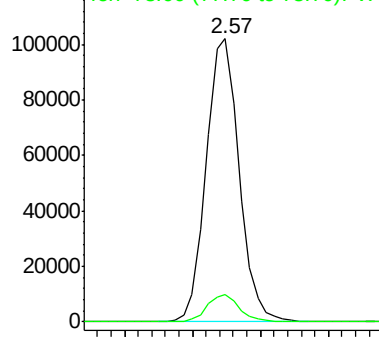
Tgt Ion: 76 Resp: 172658

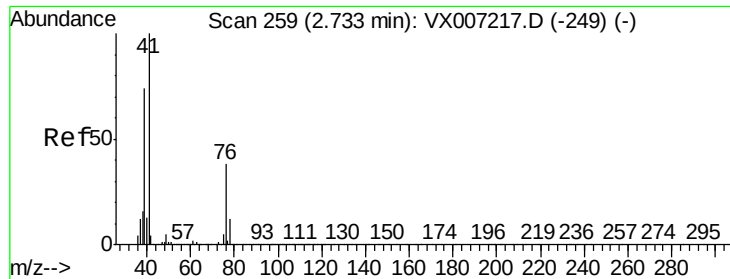
Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.7	11.5



Abundance Ion 76.00 (75.70 to 76.70): VX0

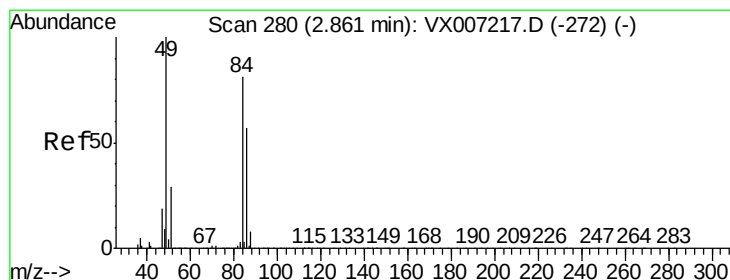
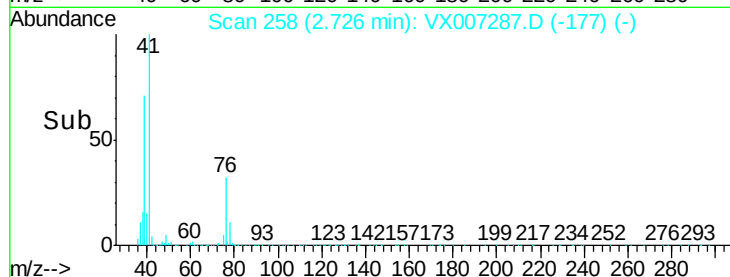
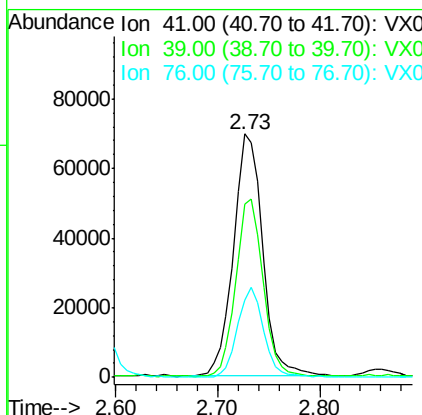
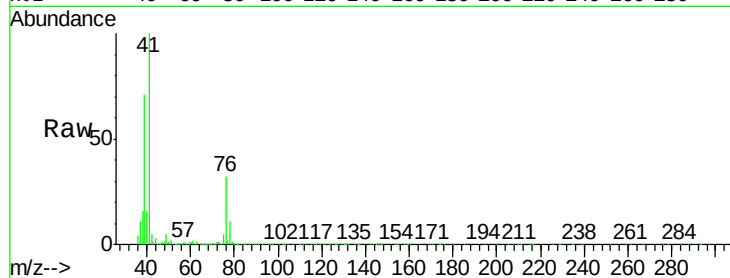
Ion 78.00 (77.70 to 78.70): VX0





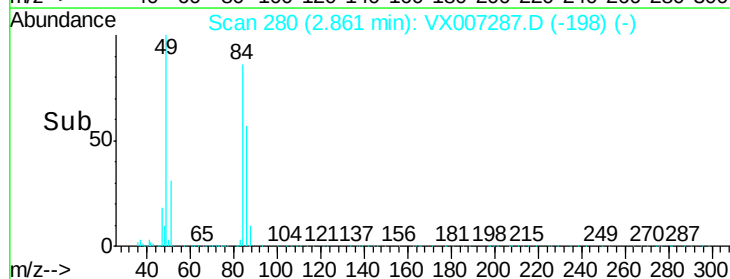
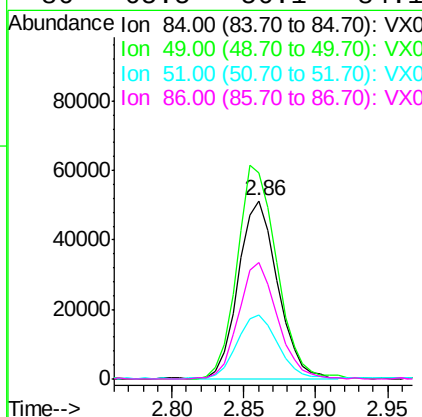
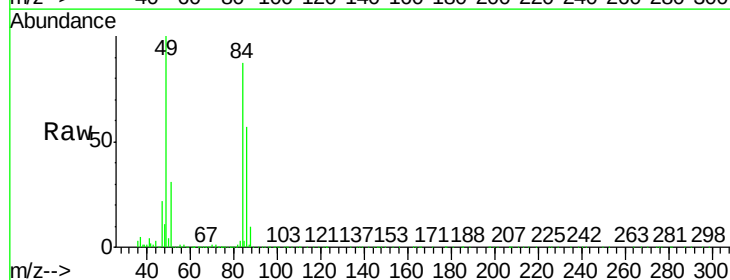
#17
Allvl chloride
Concen: 19.152 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

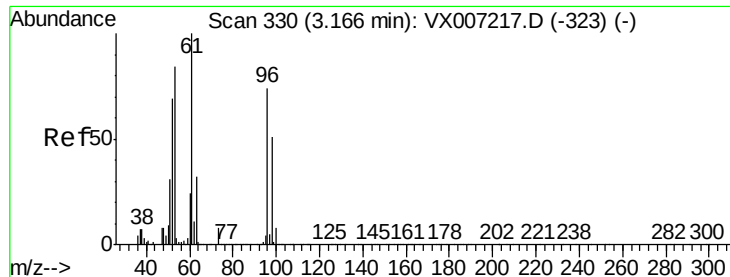
Tot Ion	Ratio	Lower	Upper
41	100		
39	70.7	37.0	111.0
76	31.7	19.3	57.8



#18
Methylene Chloride
Concen: 20.467 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	98.4	147.6
51	35.3	28.9	43.3
86	65.5	56.1	84.1





#19

trans-1,2-Dichloroethene

Concen: 19.688 ug/l

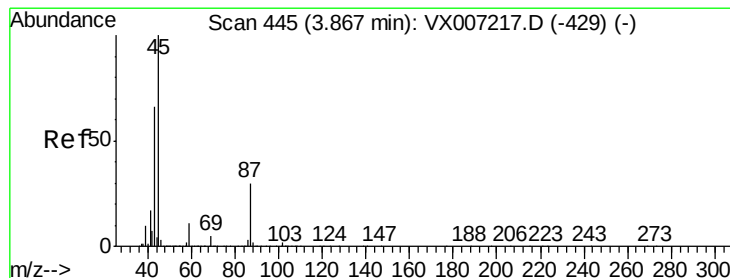
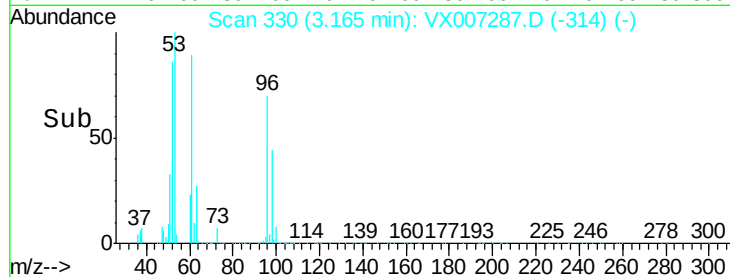
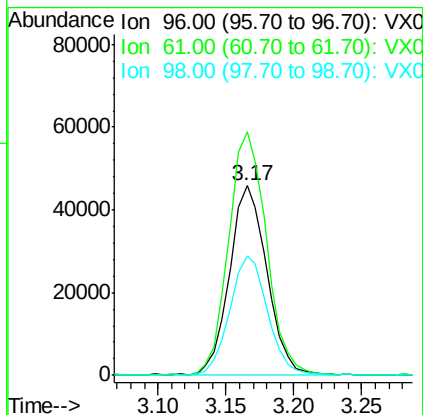
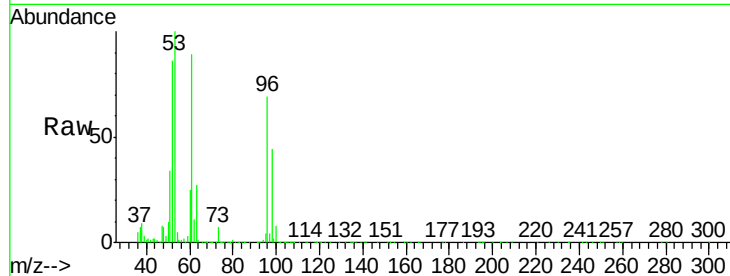
RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion:	96	Resp:	88188
Ion	Ratio	Lower	Upper
96	100		
61	128.4	107.8	161.6
98	63.0	54.9	82.3



#20

Diisopropyl ether

Concen: 20.041 ug/l

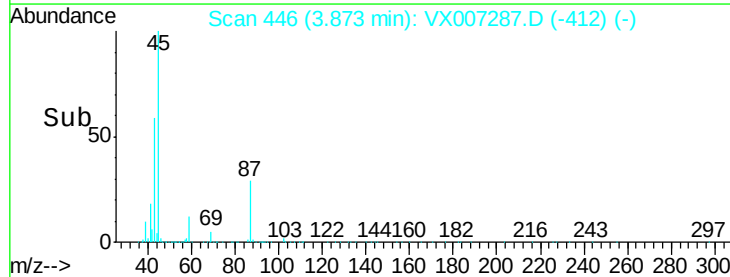
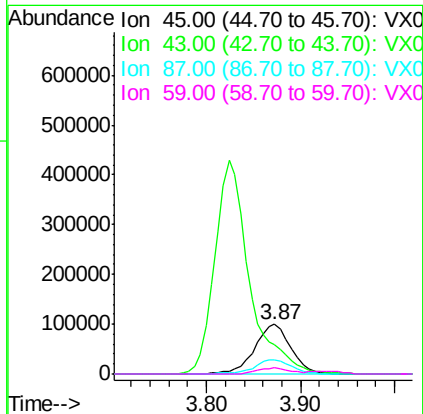
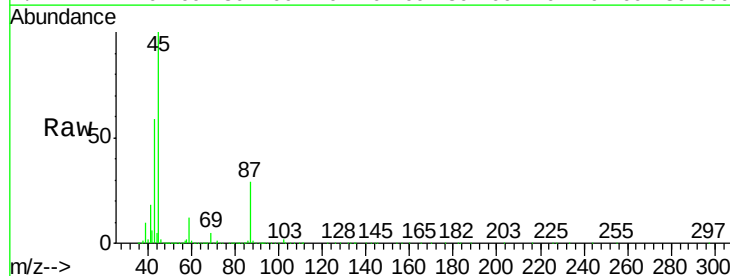
RT: 3.87 min Scan# 446

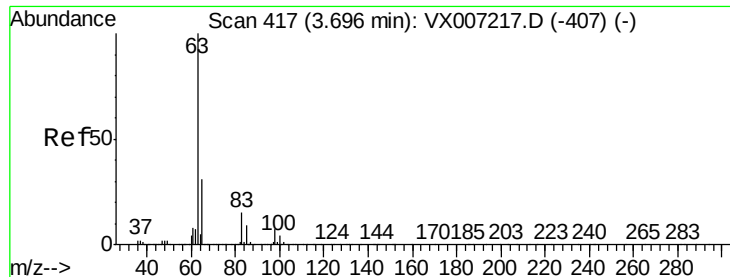
Delta R.T. 0.01 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tgt Ion:	45	Resp:	268351
Ion	Ratio	Lower	Upper
45	100		
43	56.1	53.1	79.7
87	28.9	23.7	35.5
59	11.8	9.0	13.4





#21

1,1-Dichloroethane

Concen: 19.386 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

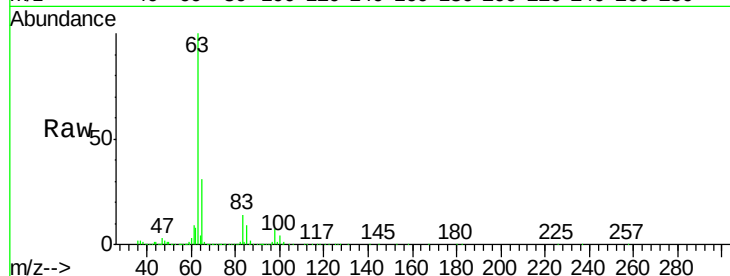
Tot Ion: 63 Resp: 148252

Ion Ratio Lower Upper

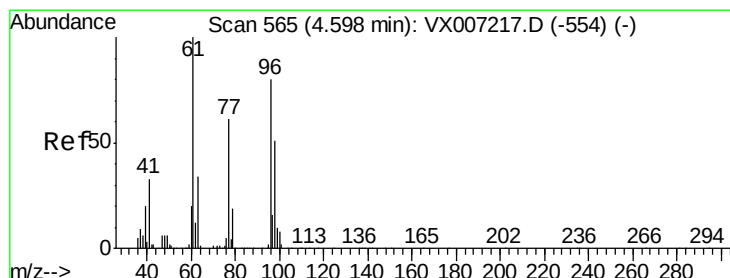
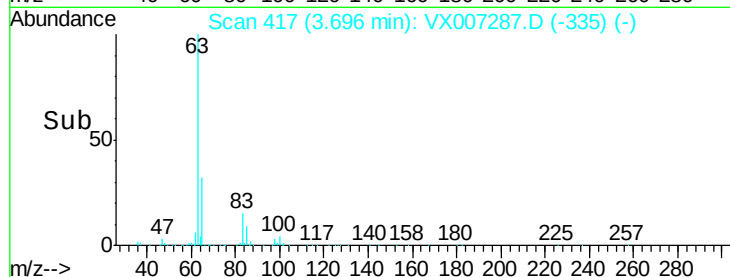
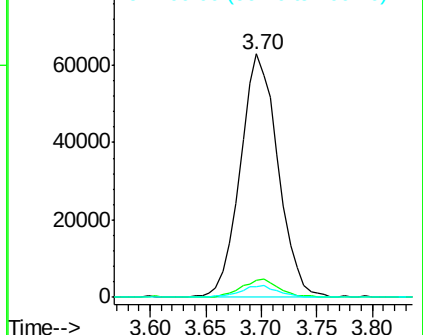
63 100

98 7.1 3.3 9.9

100 4.3 2.1 6.2



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.959 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

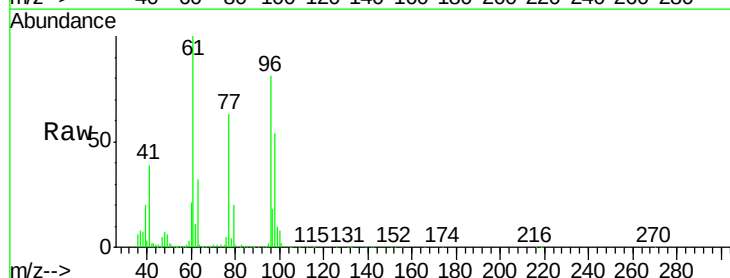
Tgt Ion: 96 Resp: 98319

Ion Ratio Lower Upper

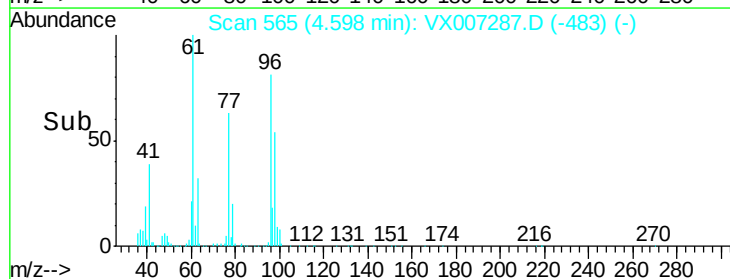
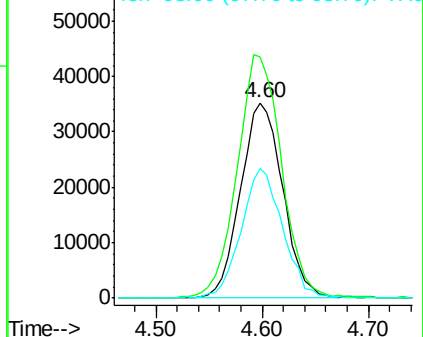
96 100

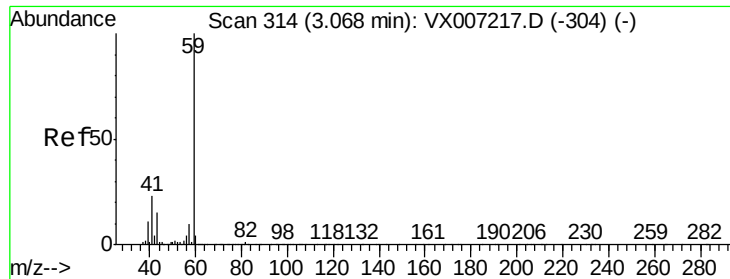
61 130.1 108.1 162.1

98 64.8 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

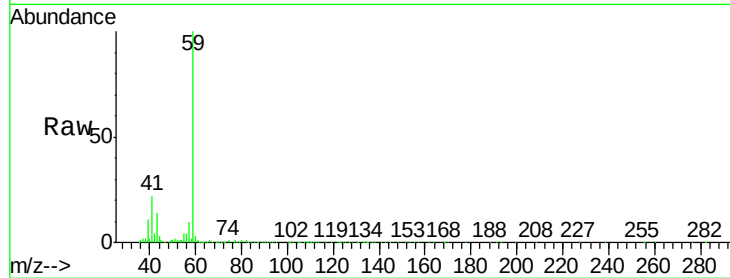




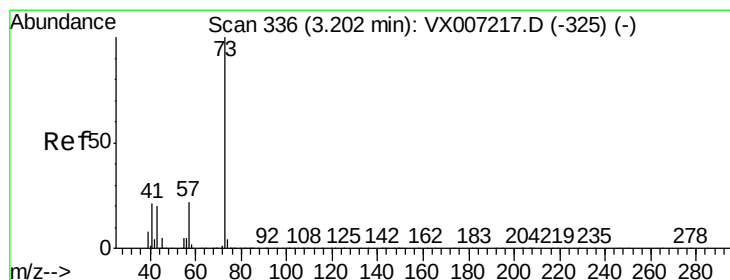
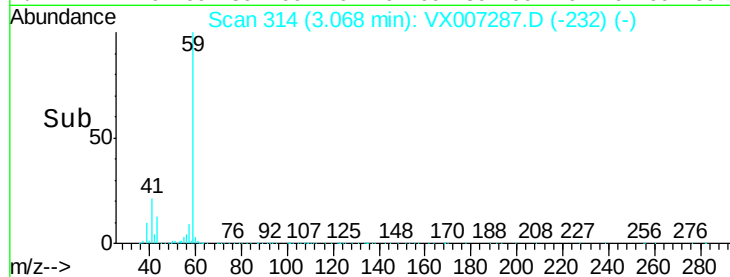
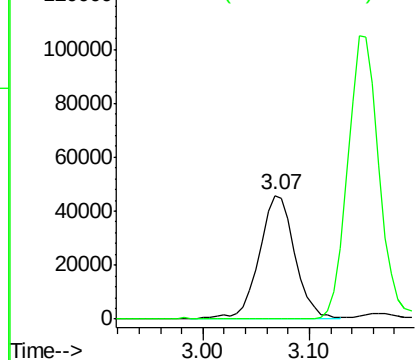
#23

tert-Butyl Alcohol
Concen: 96.521 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tot Ion: 59 Resp: 106984
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



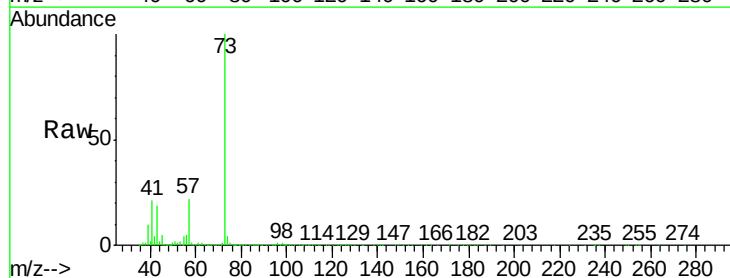
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



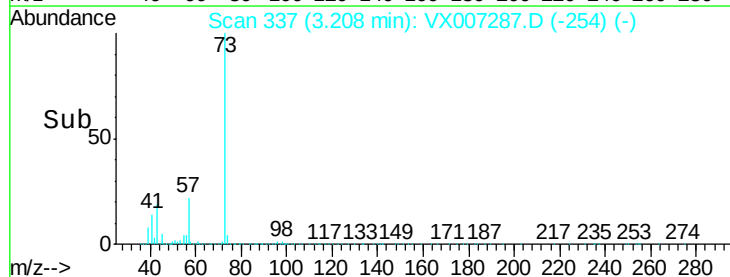
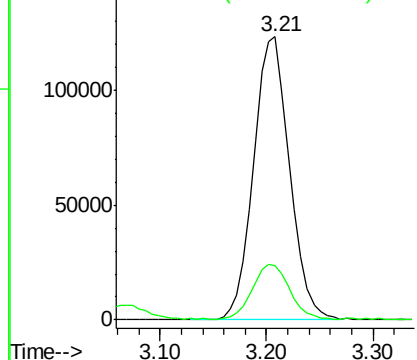
#24

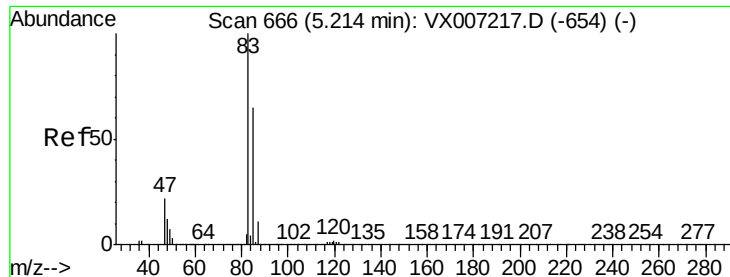
Methyl tert-Butyl Ether
Concen: 20.152 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion: 73 Resp: 291993
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4



Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 20.073 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007287.D

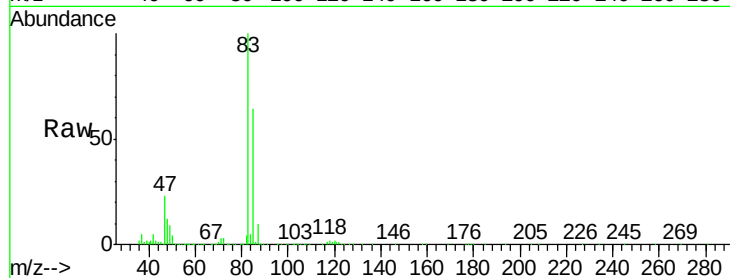
Acq: 29 Jan 2019 14:49

Tot Ion: 83 Resp: 158658

Ion Ratio Lower Upper

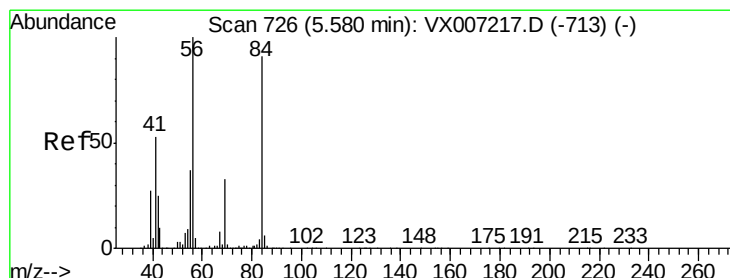
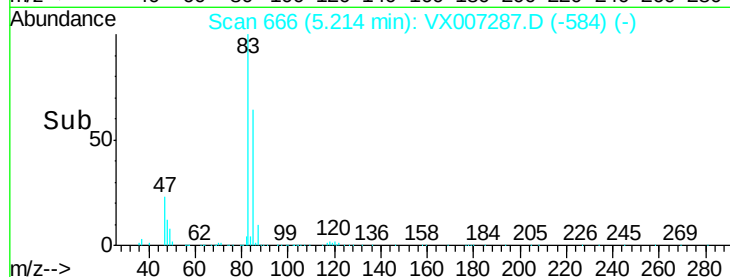
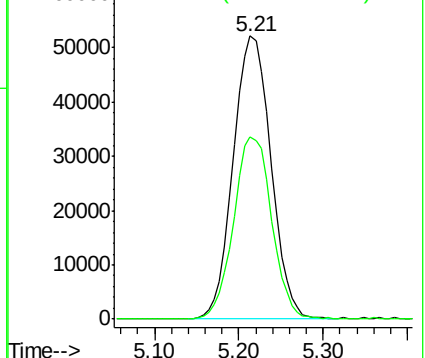
83 100

85 64.1 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.176 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

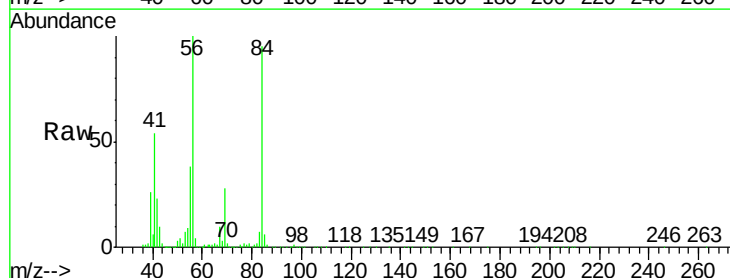
Tgt Ion: 56 Resp: 123511

Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

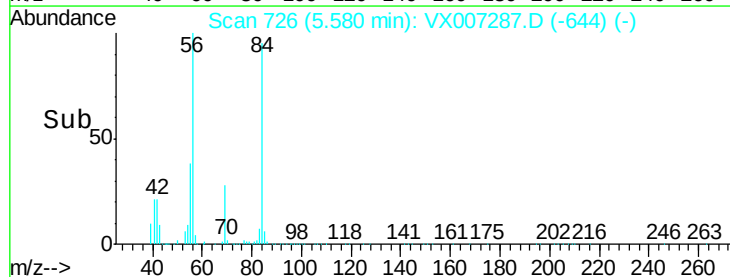
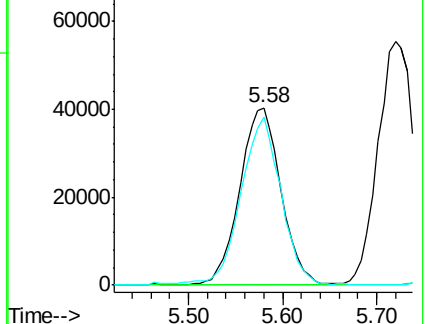
84 90.9 74.2 111.2

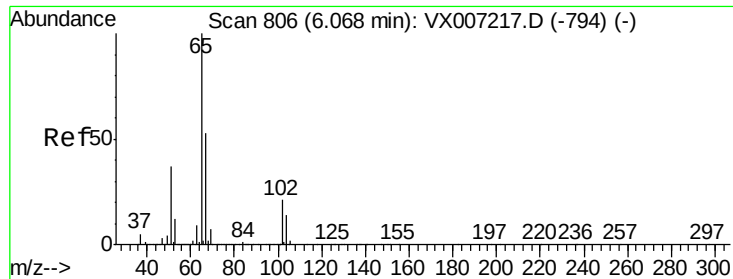


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

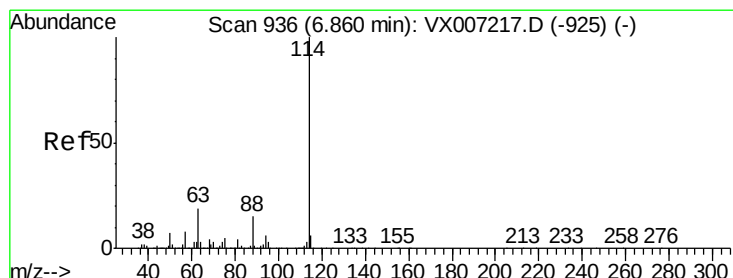
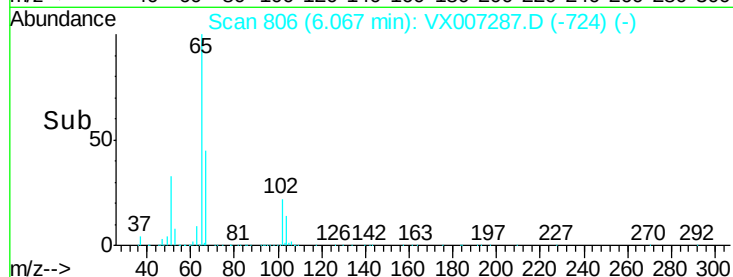
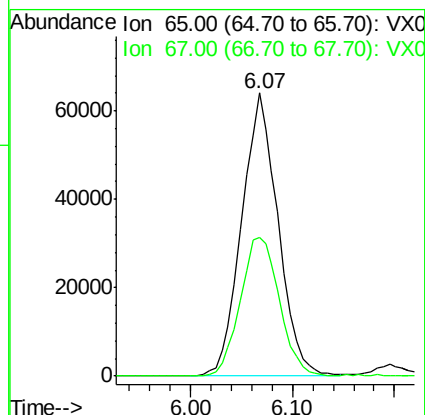
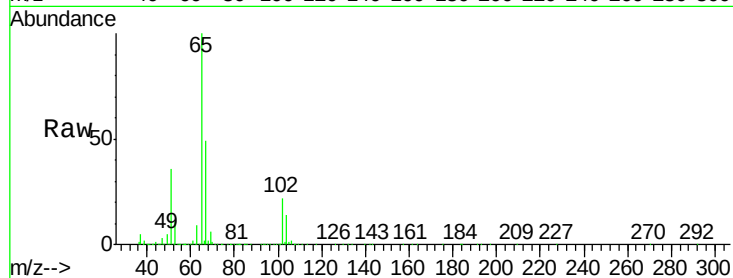
Ion 84.00 (83.70 to 84.70): VX0





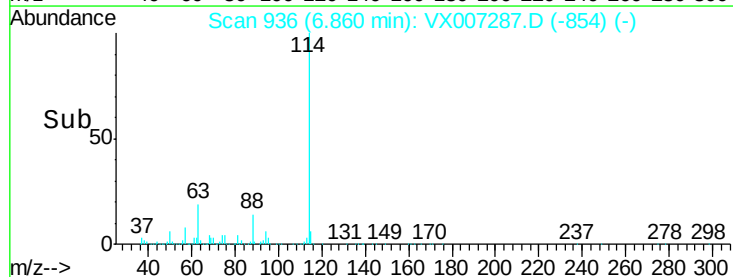
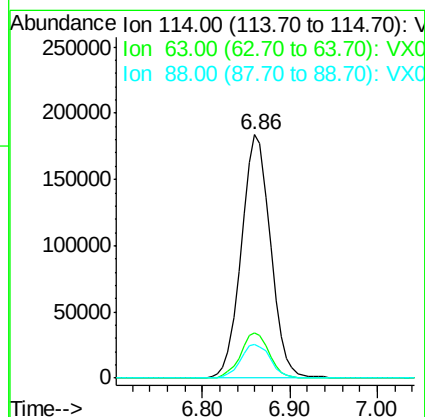
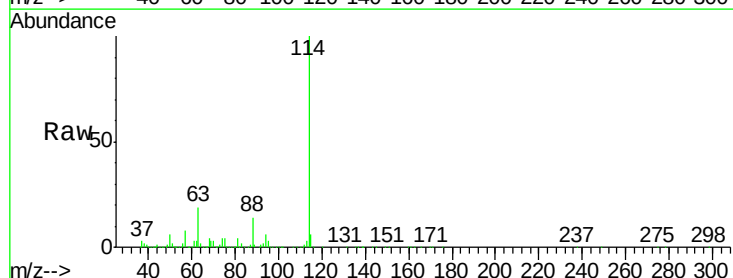
#27
 1,2-Dichloroethane-d4
 Concen: 30.031 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

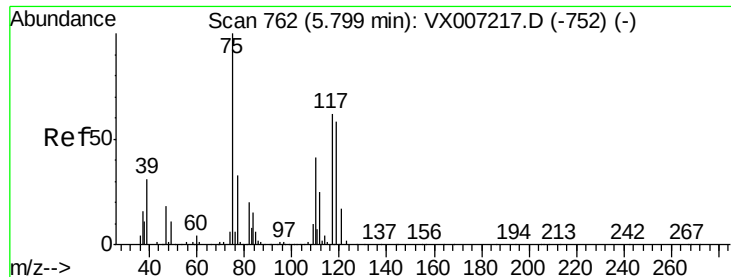
Tot Ion: 65 Resp: 157995
 Ion Ratio Lower Upper
 65 100
 67 52.6 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

Tgt Ion: 114 Resp: 426962
 Ion Ratio Lower Upper
 114 100
 63 18.1 14.6 21.8
 88 14.4 11.8 17.6





#29

1,1-Dichloropropene

Concen: 19.788 ug/l

RT: 5.80 min Scan# 762

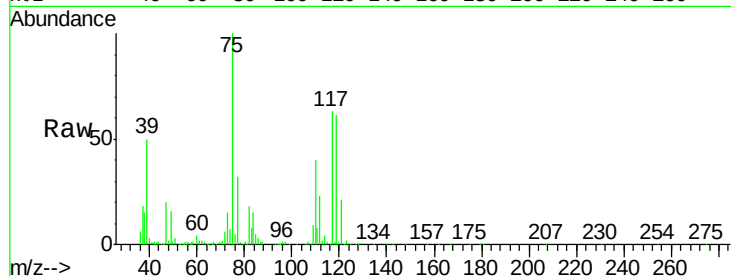
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion: 75 Resp: 110139

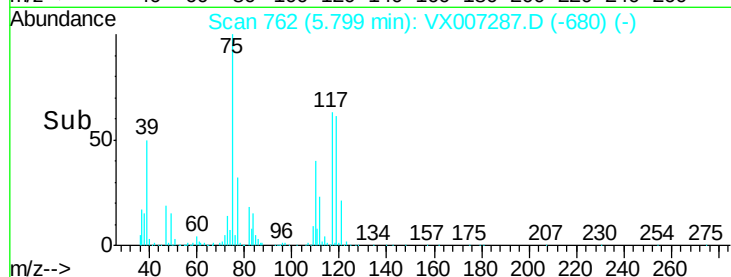
Ion	Ratio	Lower	Upper
75	100		
110	40.8	0.0	78.8
77	31.2	0.0	61.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

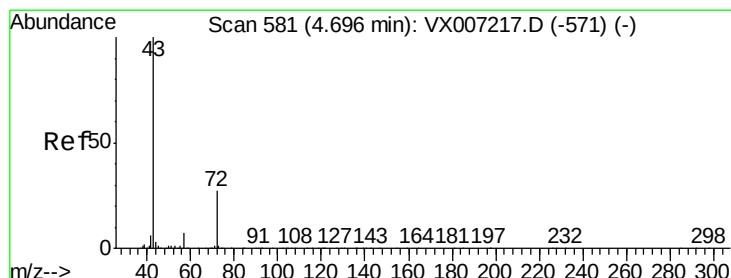
Ion 77.00 (76.70 to 77.70): VX0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 100.033 ug/l

RT: 4.70 min Scan# 582

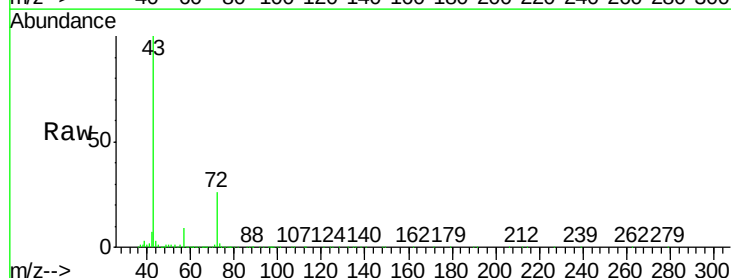
Delta R.T. 0.01 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tgt Ion: 43 Resp: 332681

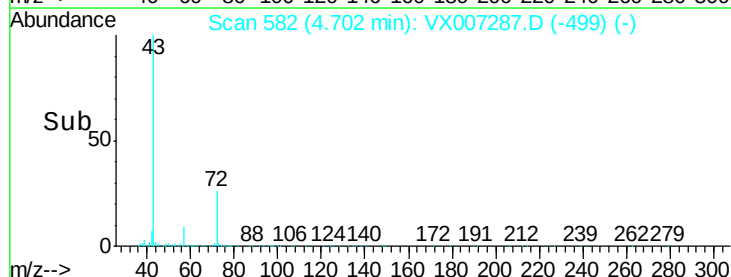
Ion	Ratio	Lower	Upper
43	100		
57	8.4	3.3	4.9#
72	27.4	22.0	33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

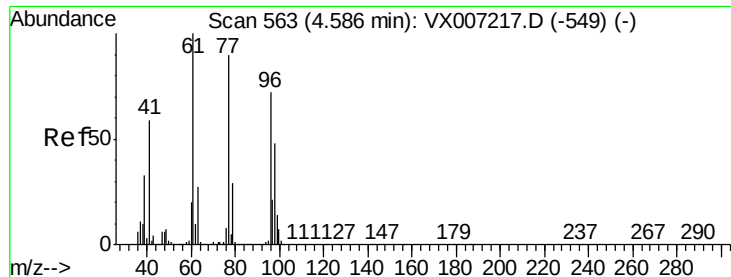
Ion 72.00 (71.70 to 72.70): VX0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

2,2-Dichloropropane

Concen: 17.937 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007287.D

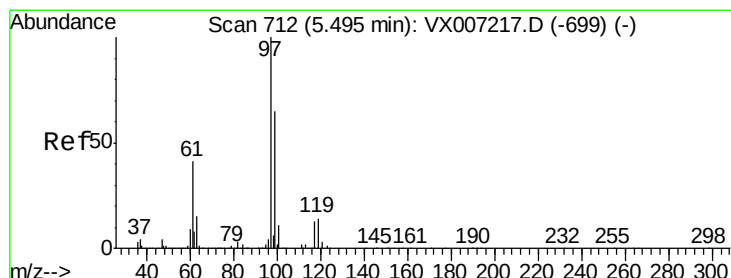
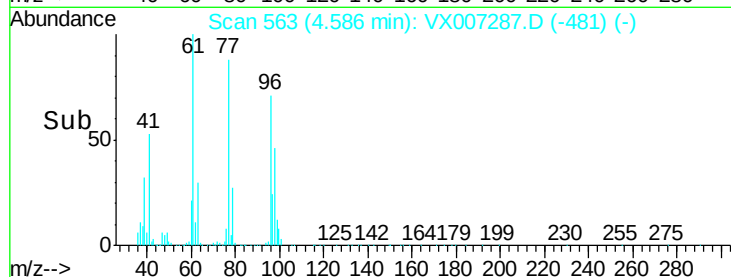
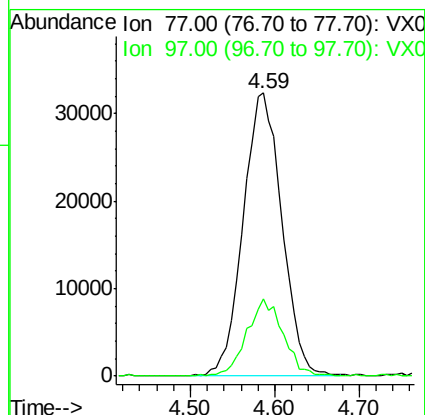
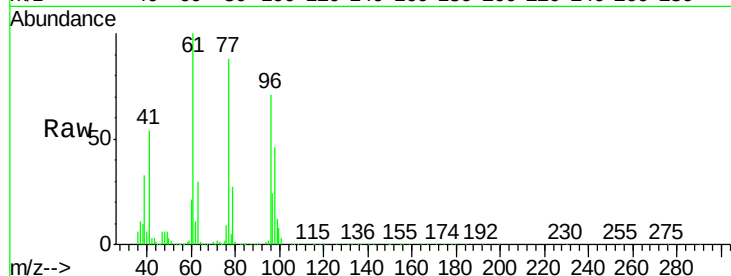
Acq: 29 Jan 2019 14:49

Tot Ion: 77 Resp: 100862

Ion Ratio Lower Upper

77 100

97 24.9 19.8 29.8



#32

1,1,1-Trichloroethane

Concen: 19.745 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

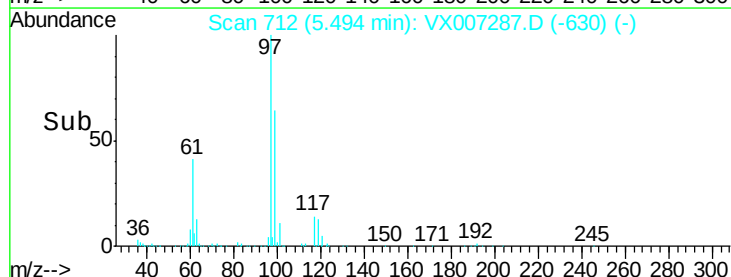
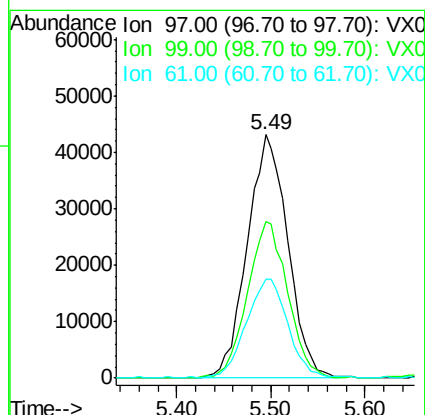
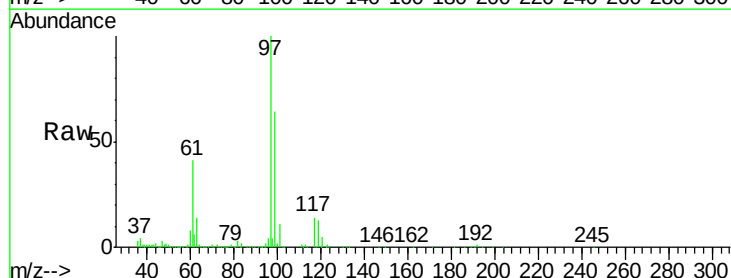
Tgt Ion: 97 Resp: 129884

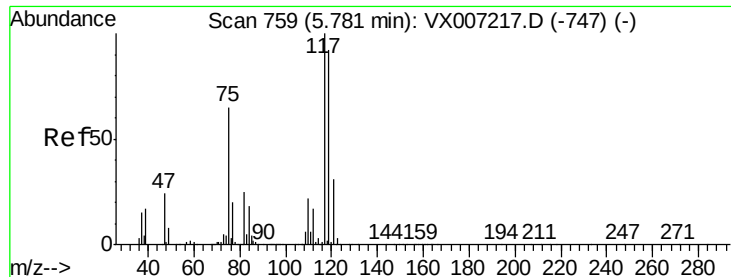
Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 41.3 33.6 50.4





#33

Carbon Tetrachloride

Concen: 18.945 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

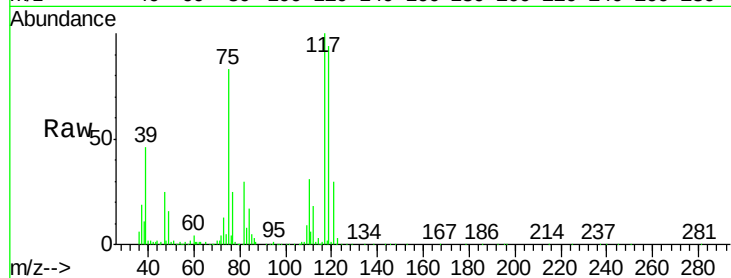
Tot Ion: 117 Resp: 109544

Ion Ratio Lower Upper

117 100

119 94.0 73.5 110.3

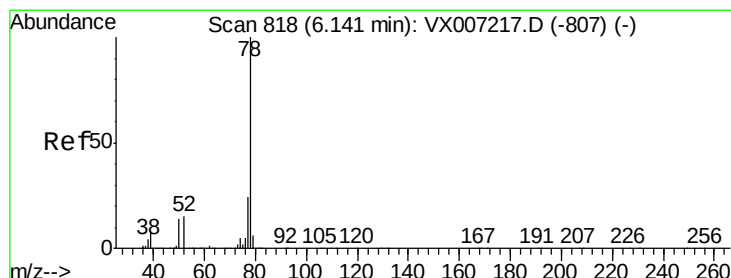
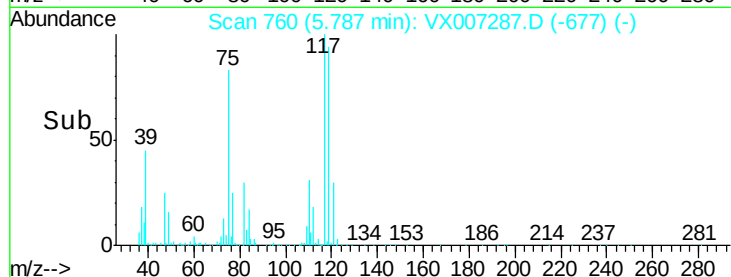
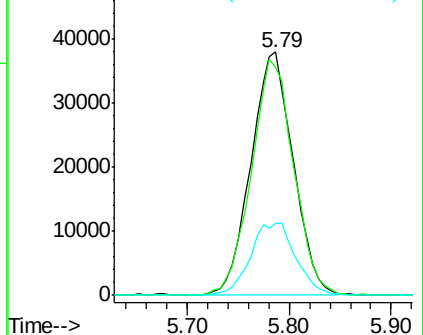
121 29.7 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.231 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

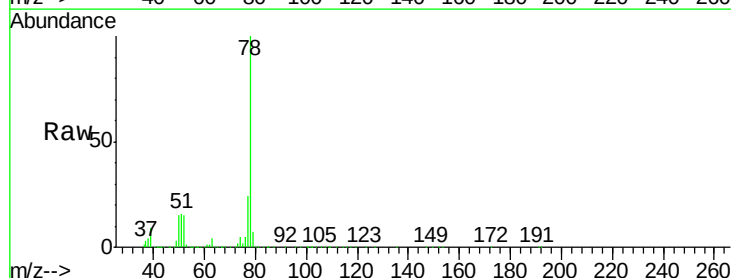
Tgt Ion: 78 Resp: 347336

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

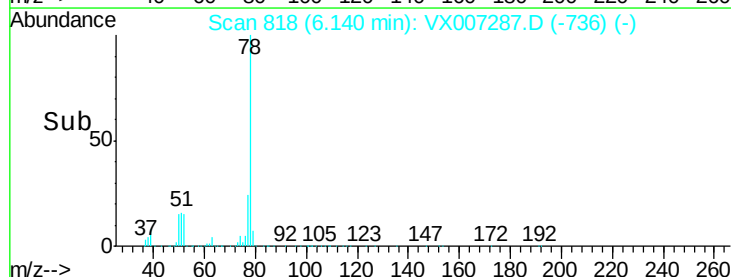
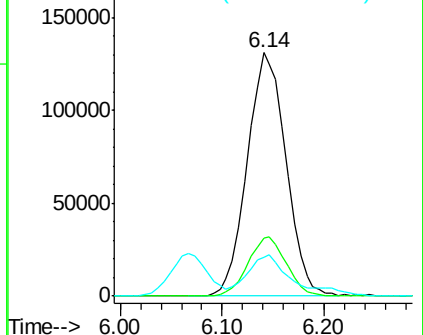
51 13.6 12.4 18.6

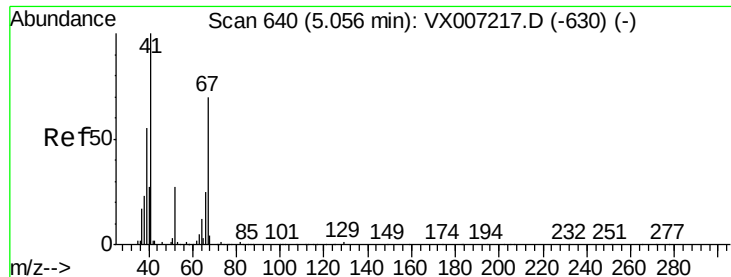


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

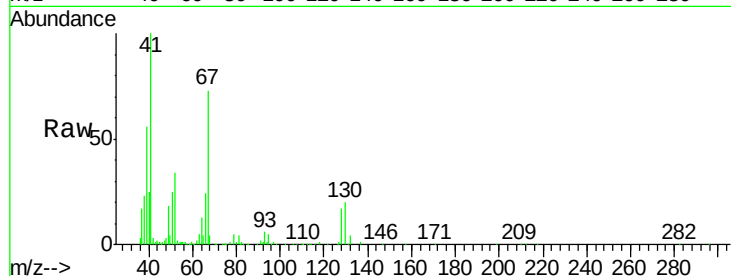
Ion 51.00 (50.70 to 51.70): VX0



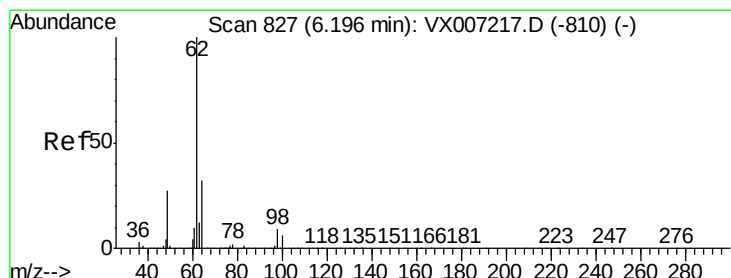
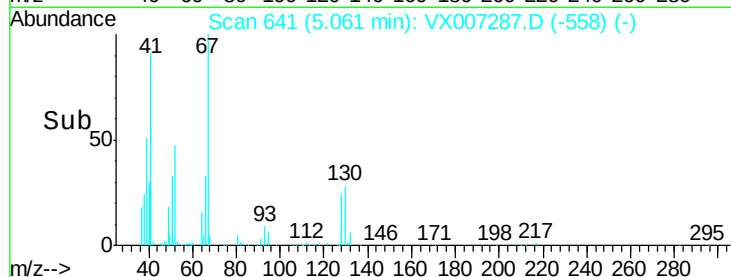
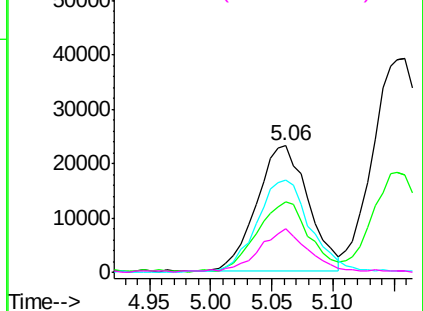


#35
Methacrylonitrile
Concen: 20.071 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tot Ion:	41	Resp:	68135
Ion	Ratio	Lower	Upper
41	100		
39	55.5	27.5	82.4
67	73.0	34.8	104.3
52	32.9	13.5	40.5

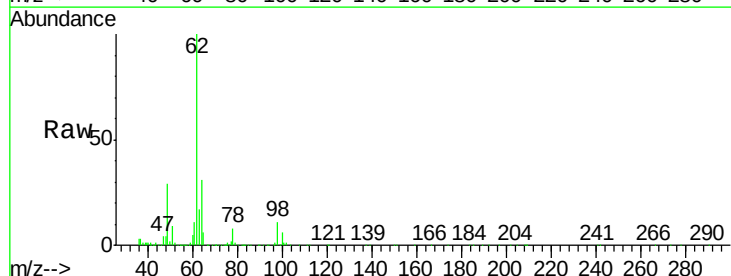


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

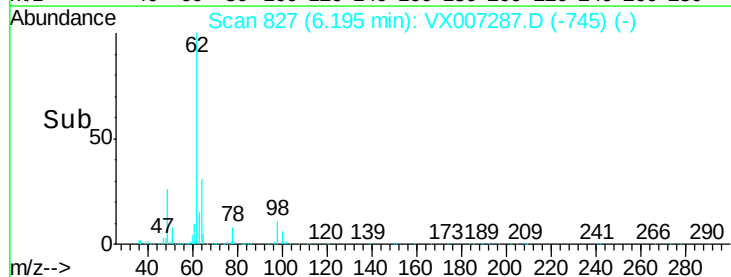
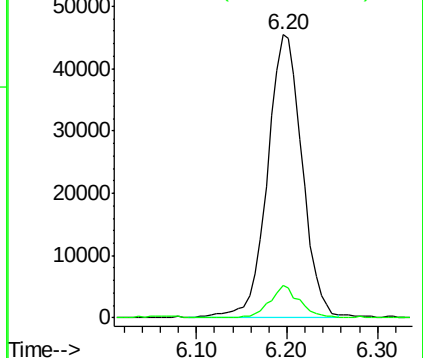


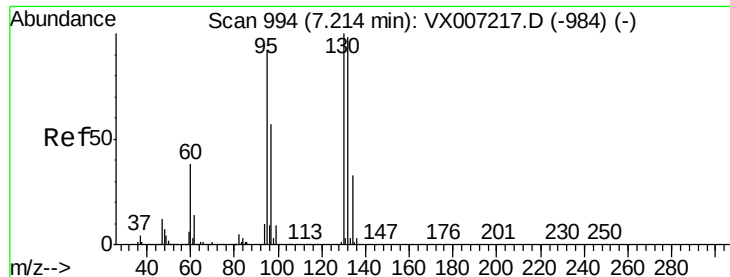
#36
1,2-Dichloroethane
Concen: 20.312 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion:	62	Resp:	120335
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.1	12.1



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





#37

Trichloroethene

Concen: 20.116 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007287.D

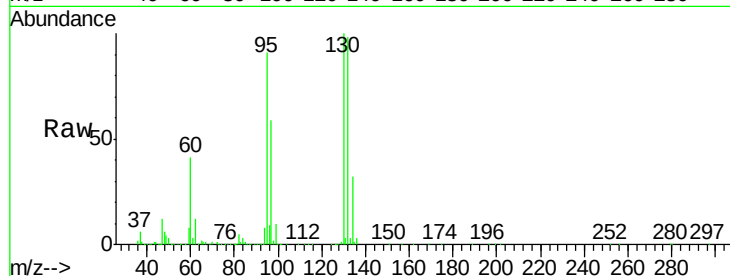
Acq: 29 Jan 2019 14:49

Tot Ion:130 Resp: 101829

Ion Ratio Lower Upper

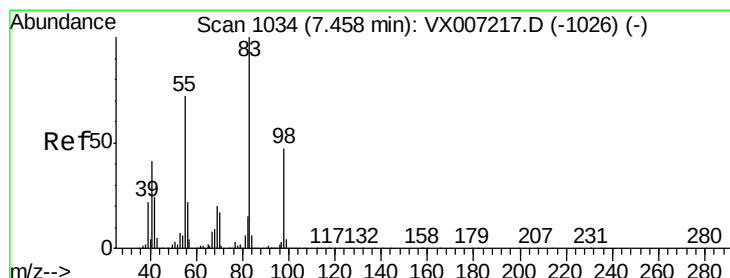
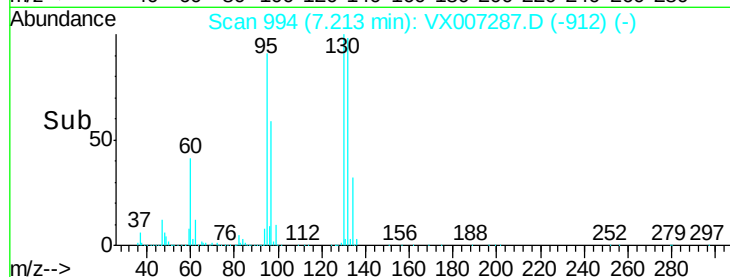
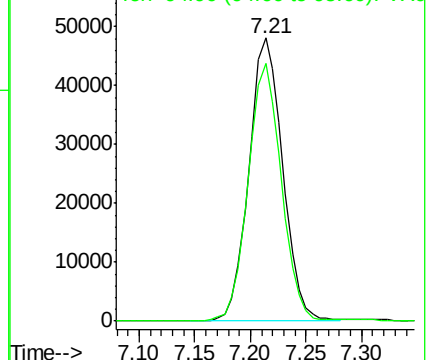
130 100

95 90.9 73.7 110.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.189 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

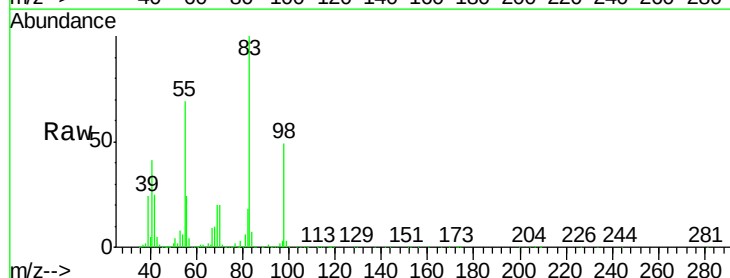
Tgt Ion: 83 Resp: 135356

Ion Ratio Lower Upper

83 100

55 69.2 36.6 109.8

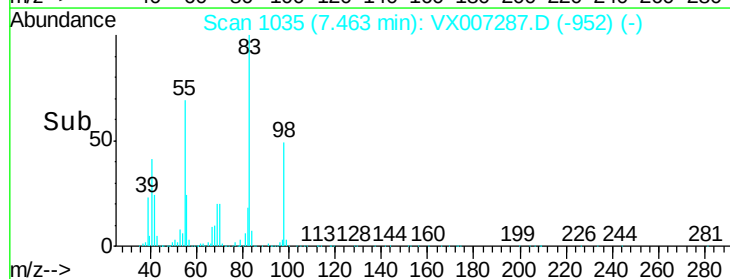
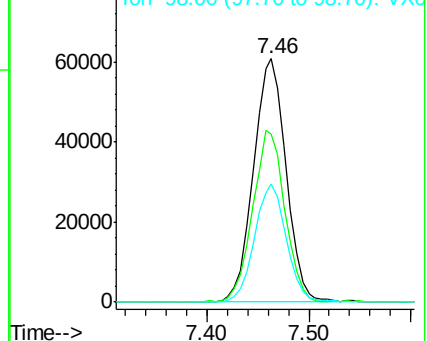
98 47.2 24.1 72.4

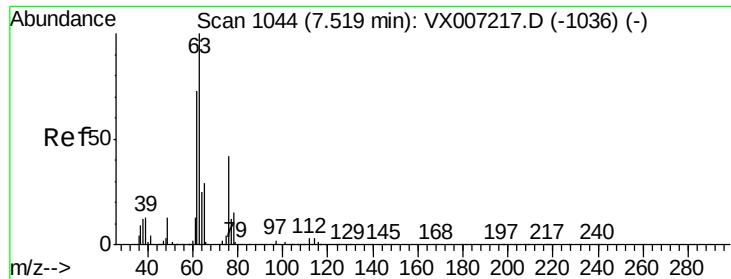


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.689 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007287.D

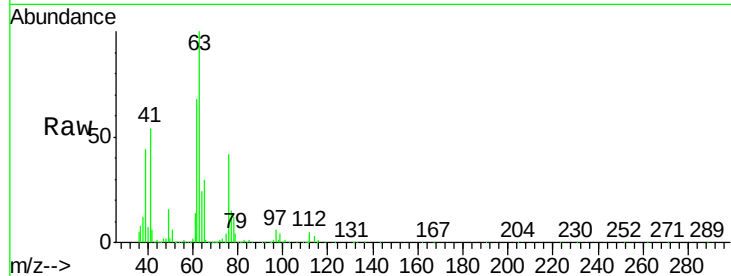
Acq: 29 Jan 2019 14:49

Tot Ion: 63 Resp: 89078

Ion Ratio Lower Upper

63 100

65 29.7 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.51

40000

30000

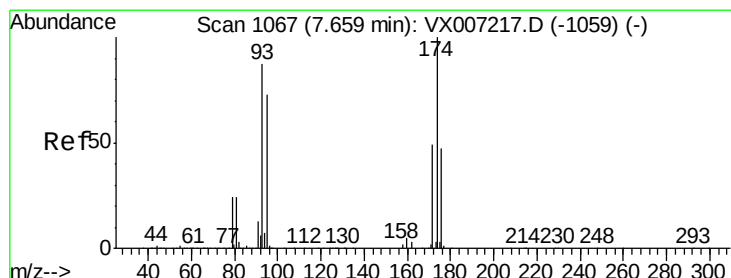
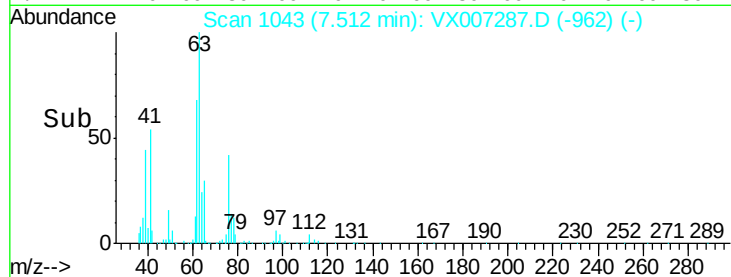
20000

10000

0

7.45 7.50 7.55 7.60

Time-->



#40

Dibromomethane

Concen: 20.183 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

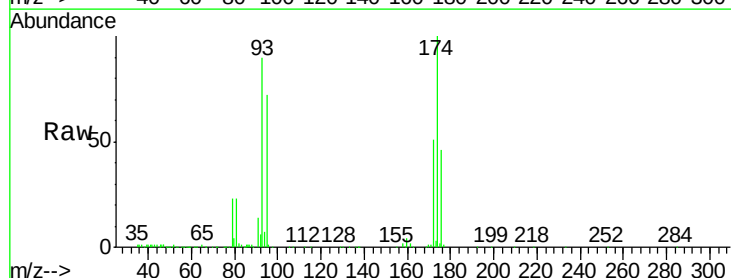
Tgt Ion: 93 Resp: 62595

Ion Ratio Lower Upper

93 100

95 86.8 0.0 172.4

174 116.7 0.0 233.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

7.66

40000

30000

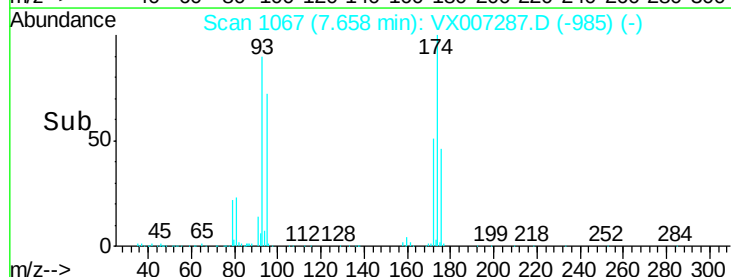
20000

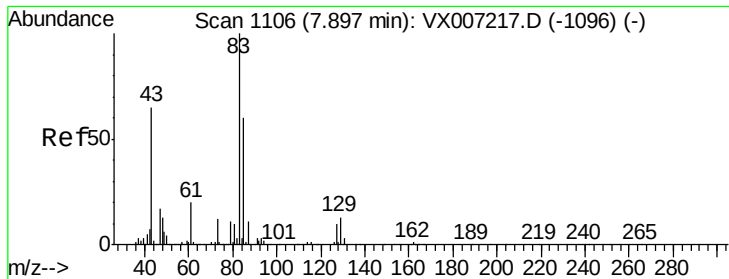
10000

0

7.60 7.65 7.70 7.75

Time-->





#41

Bromodichloromethane

Concen: 18.946 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

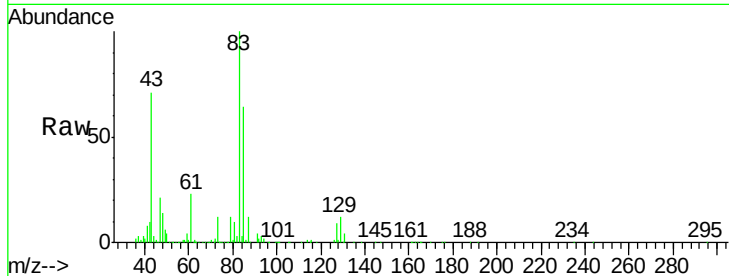
Tot Ion: 83 Resp: 103122

Ion Ratio Lower Upper

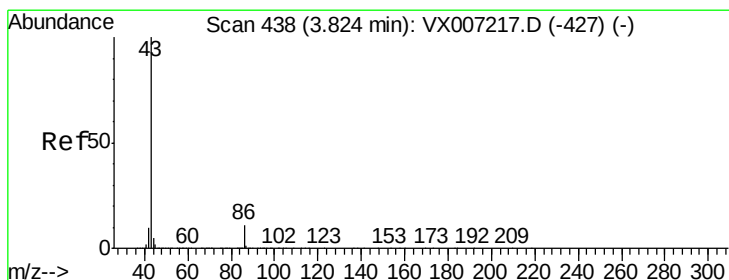
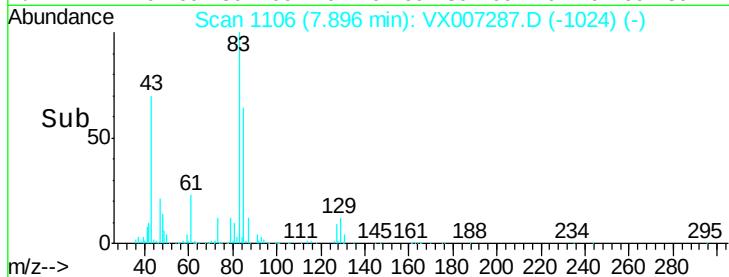
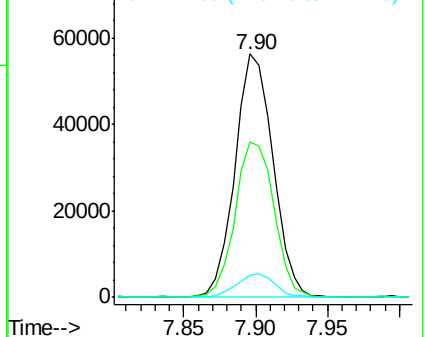
83 100

85 63.6 48.2 72.2

127 9.2 8.3 12.5



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



#42

Vinyl Acetate

Concen: 97.242 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007287.D

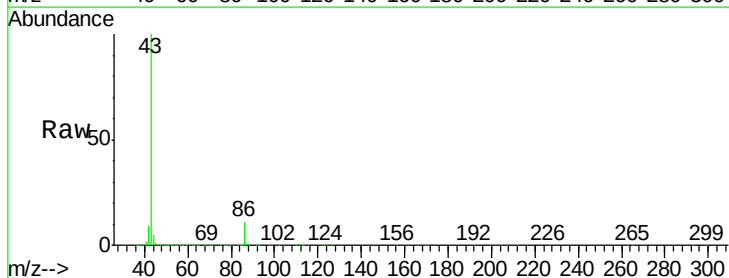
Acq: 29 Jan 2019 14:49

Tgt Ion: 43 Resp: 1096496

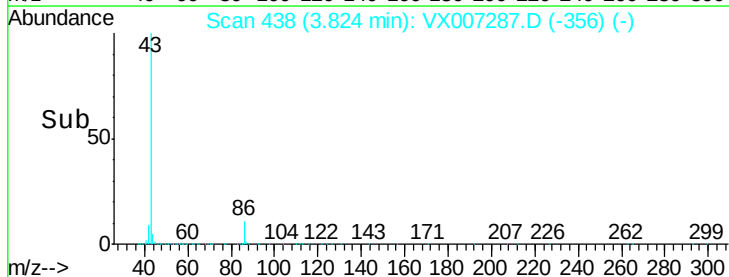
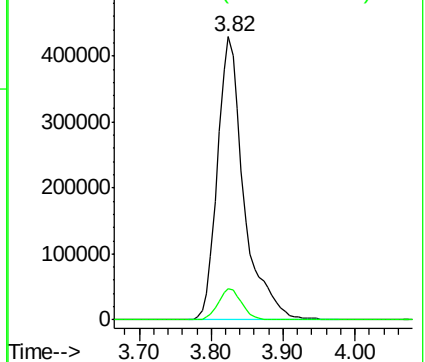
Ion Ratio Lower Upper

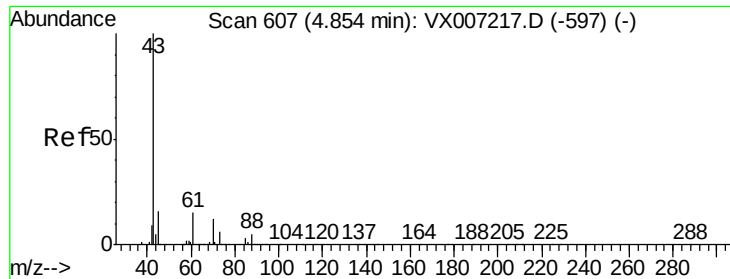
43 100

86 9.9 8.0 12.0



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





#43

Ethyl Acetate

Concen: 19.448 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007287.D

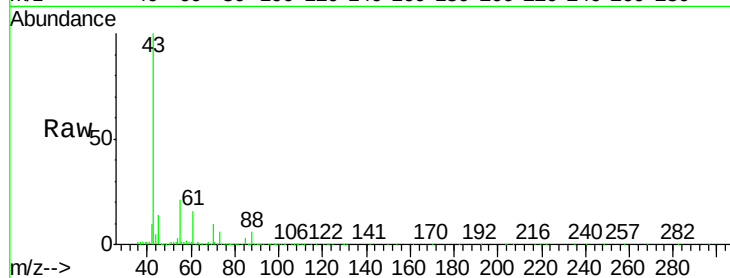
Acq: 29 Jan 2019 14:49

Tot Ion: 43 Resp: 120685

Ion Ratio Lower Upper

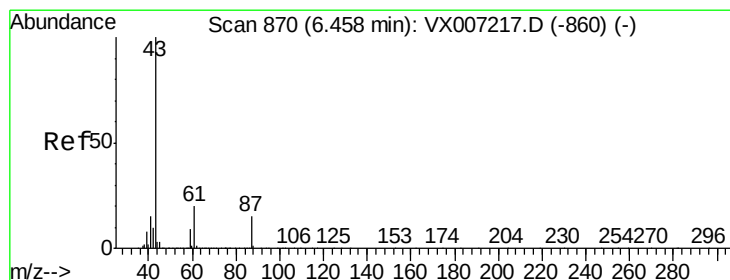
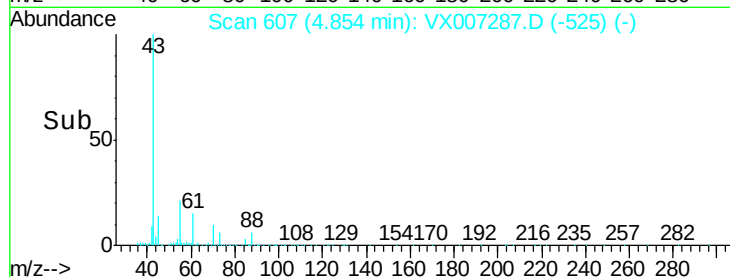
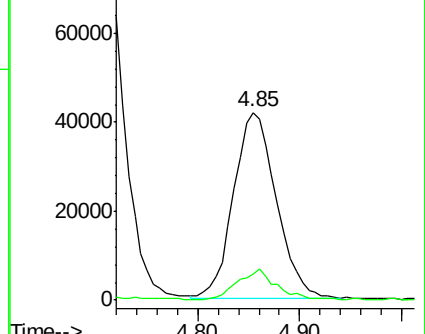
43 100

45 14.2 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.771 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007287.D

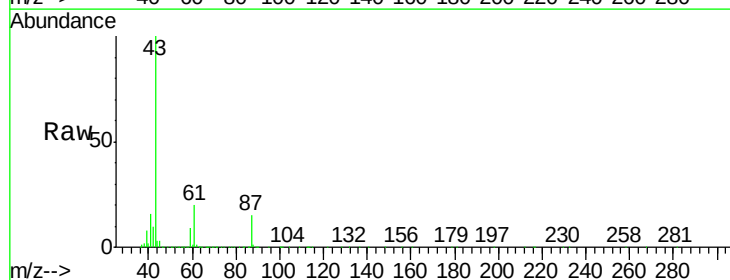
Acq: 29 Jan 2019 14:49

Tgt Ion: 43 Resp: 191626

Ion Ratio Lower Upper

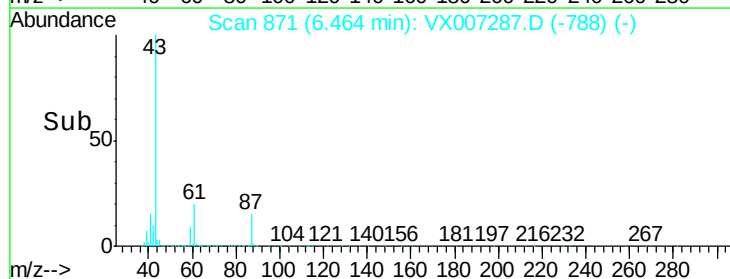
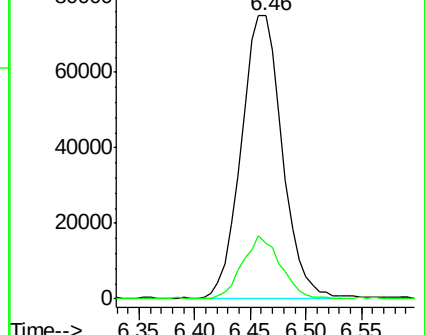
43 100

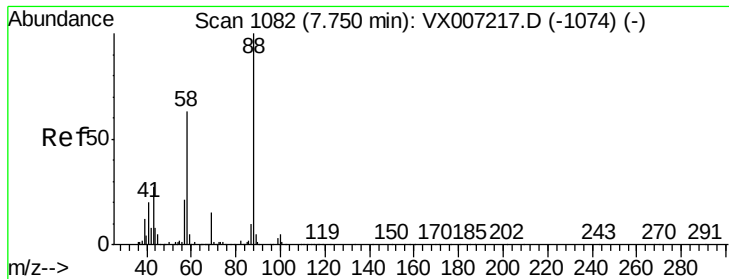
61 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 354.069 ug/l

RT: 7.75 min Scan# 1082

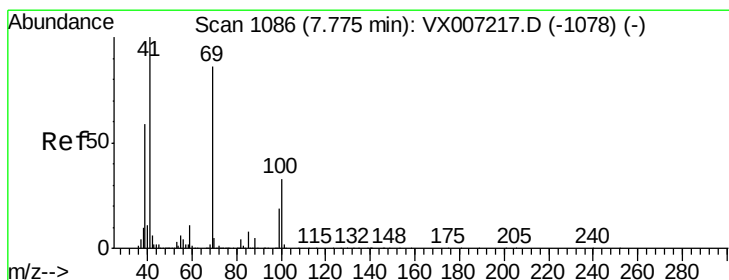
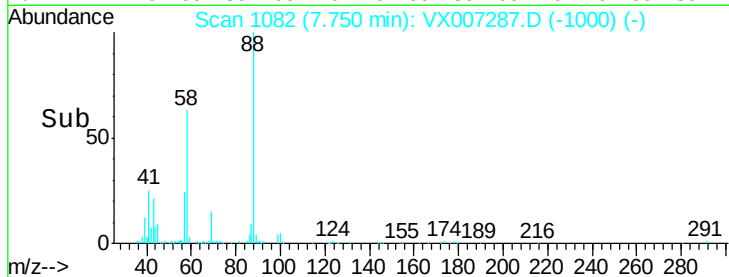
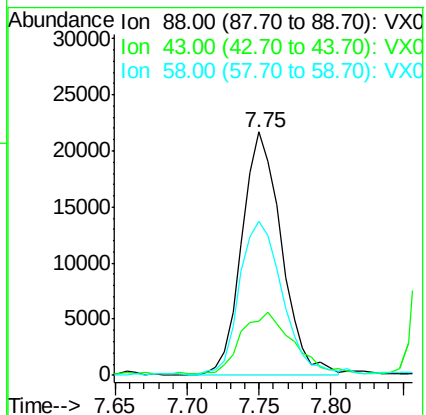
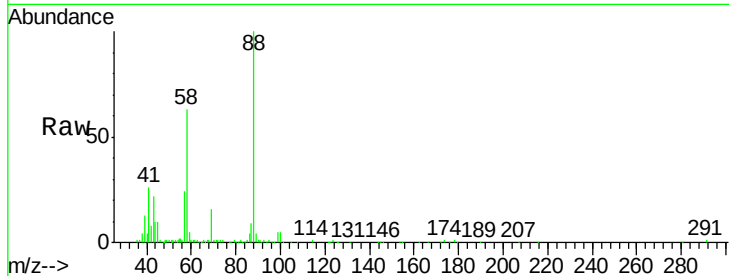
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion: 88 Resp: 41585

Ion	Ratio	Lower	Upper
88	100		
43	32.8	23.5	35.3
58	67.8	51.6	77.4



#46

Methyl methacrylate

Concen: 19.925 ug/l

RT: 7.77 min Scan# 1086

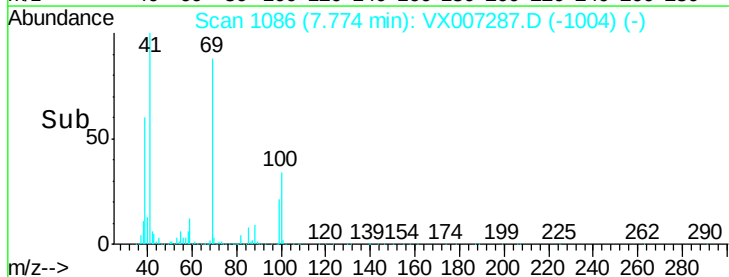
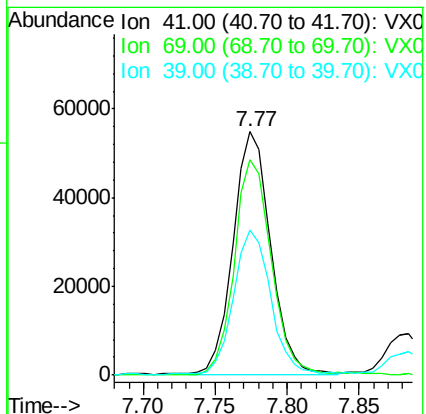
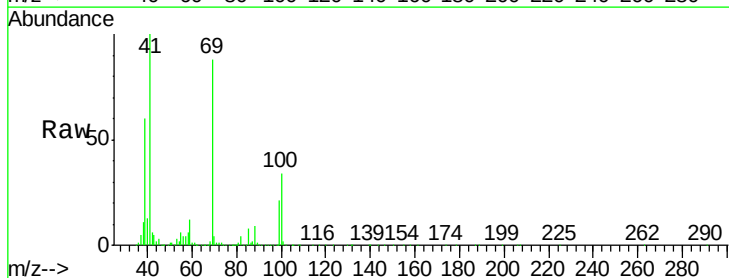
Delta R.T. -0.00 min

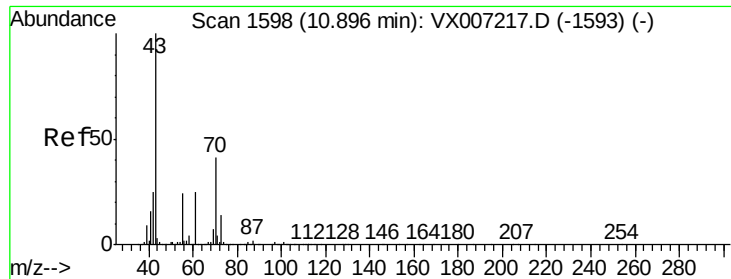
Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tgt Ion: 41 Resp: 98743

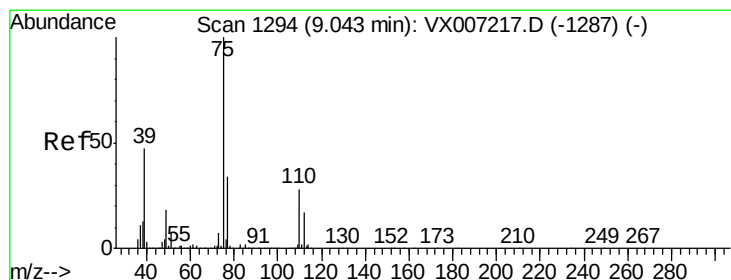
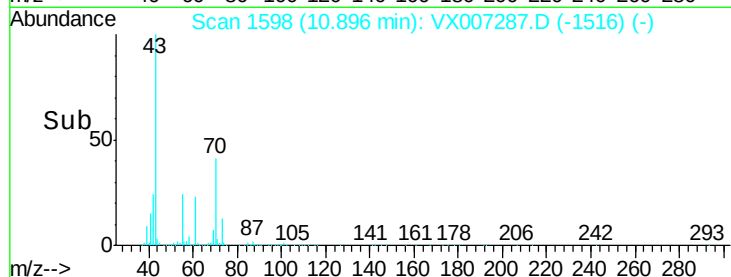
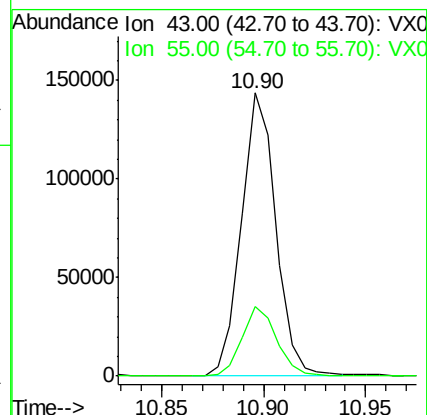
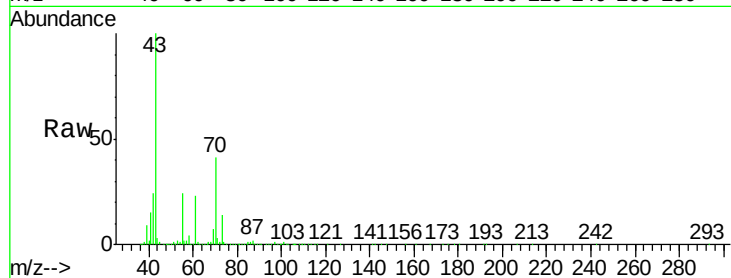
Ion	Ratio	Lower	Upper
41	100		
69	88.5	43.0	129.2
39	59.6	29.4	88.2





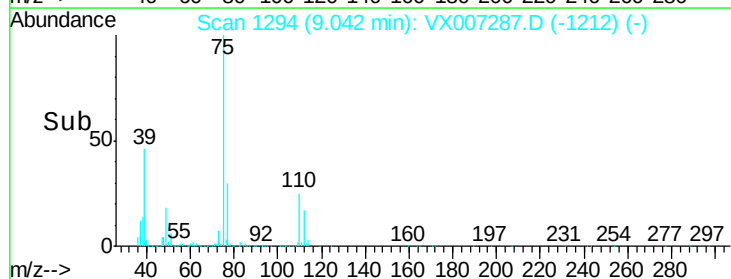
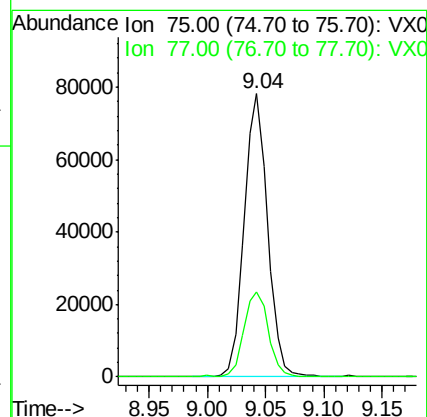
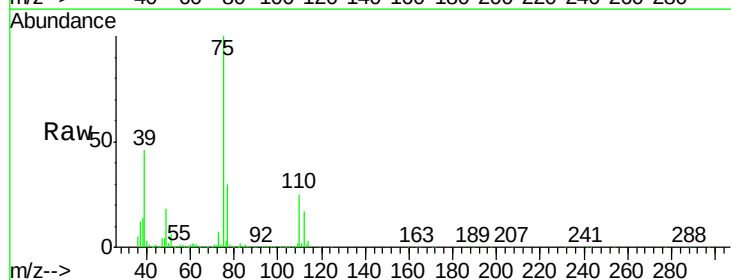
#47
n-amvl Acetate
Concen: 19.639 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

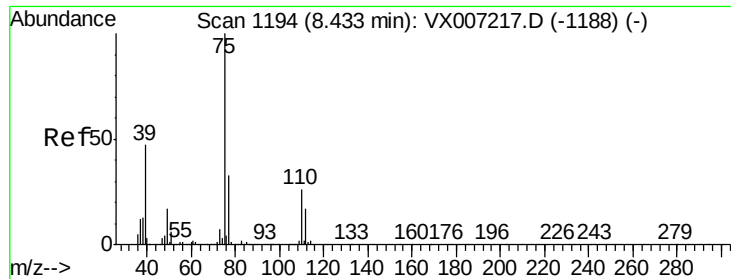
Tot Ion: 43 Resp: 167366
Ion Ratio Lower Upper
43 100
55 24.9 19.9 29.9



#48
t-1,3-Dichloropropene
Concen: 18.599 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion: 75 Resp: 110413
Ion Ratio Lower Upper
75 100
77 29.8 26.7 40.1

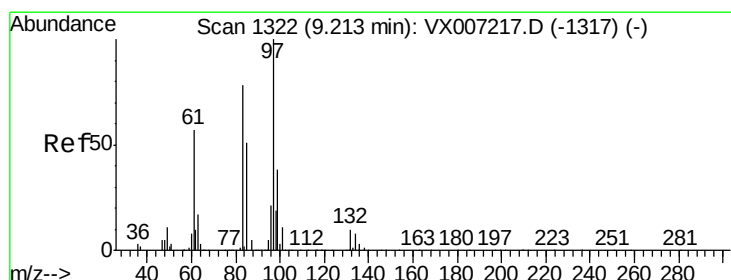
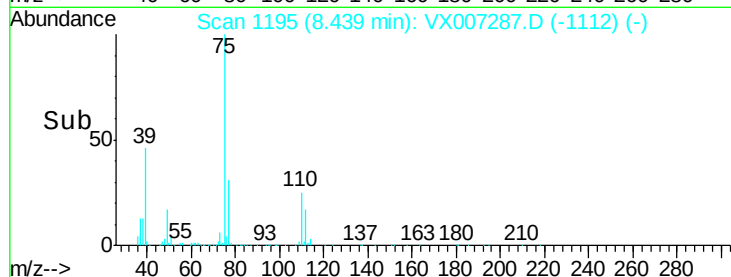
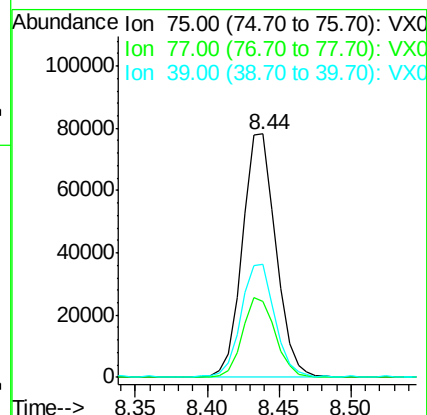
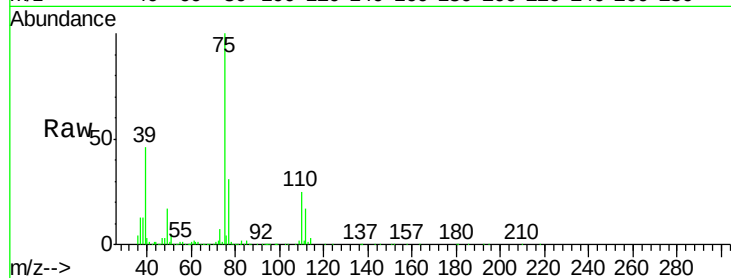




#49

cis-1,3-Dichloropropene
 Concen: 19.143 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

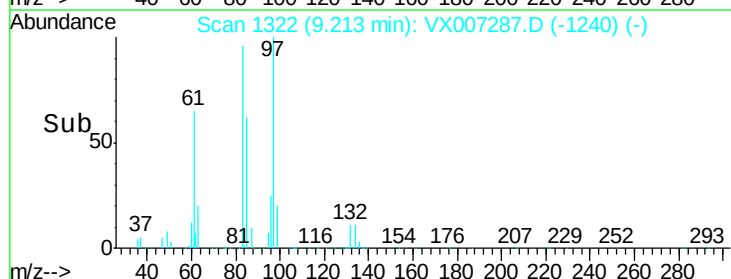
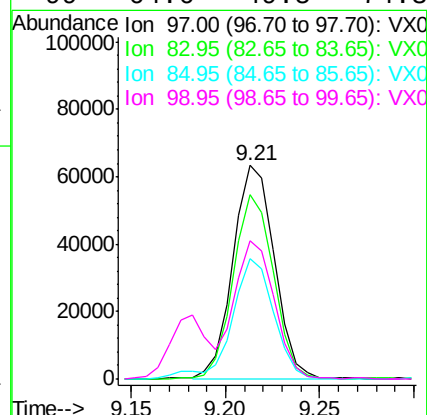
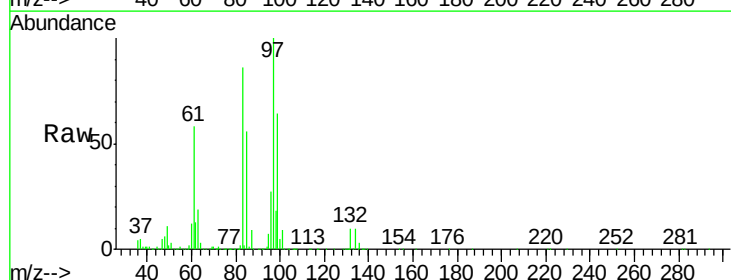
Tot Ion:	75	Resp:	126247
Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.4
39	46.1	37.2	55.8

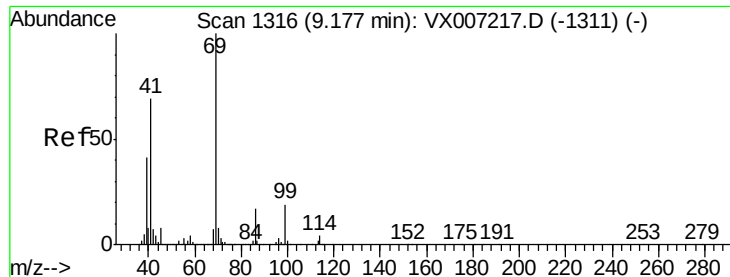


#50

1,1,2-Trichloroethane
 Concen: 20.789 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

Tgt Ion:	97	Resp:	96769
Ion	Ratio	Lower	Upper
97	100		
83	86.5	62.5	93.7
85	56.2	41.8	62.6
99	64.6	49.5	74.3





#51

Ethyl methacrylate

Concen: 20.121 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

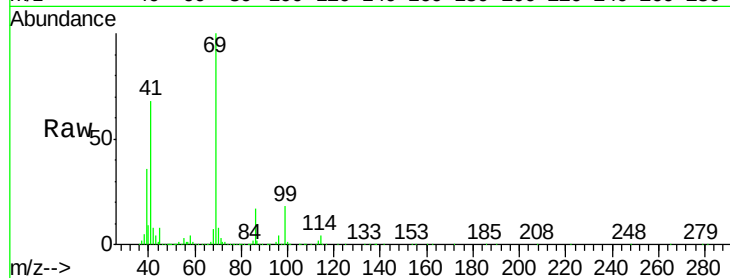
Tot Ion: 69 Resp: 133826

Ion Ratio Lower Upper

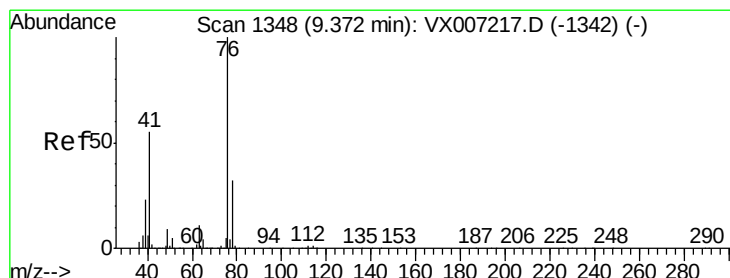
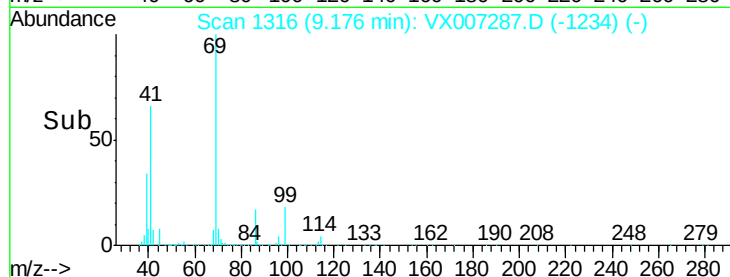
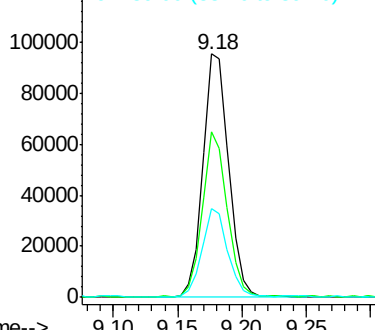
69 100

41 68.1 34.2 102.6

39 36.0 20.3 60.8



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



#52

1,3-Dichloropropane

Concen: 20.467 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007287.D

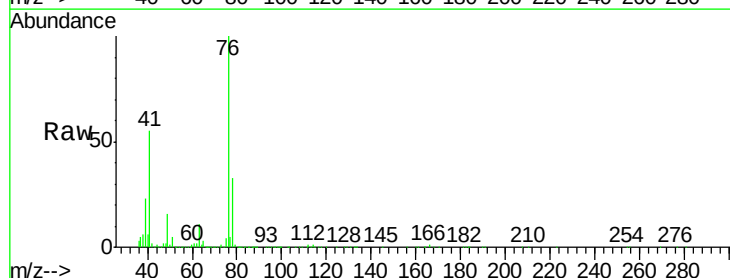
Acq: 29 Jan 2019 14:49

Tgt Ion: 76 Resp: 152551

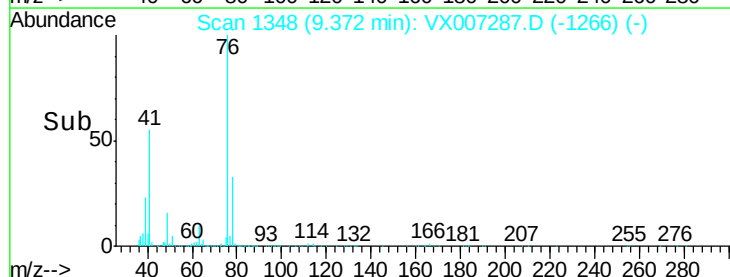
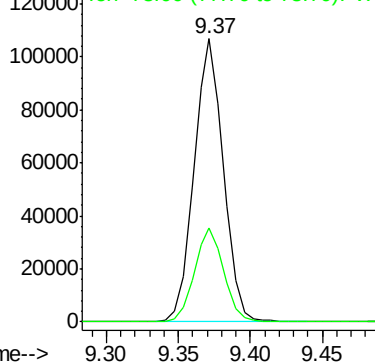
Ion Ratio Lower Upper

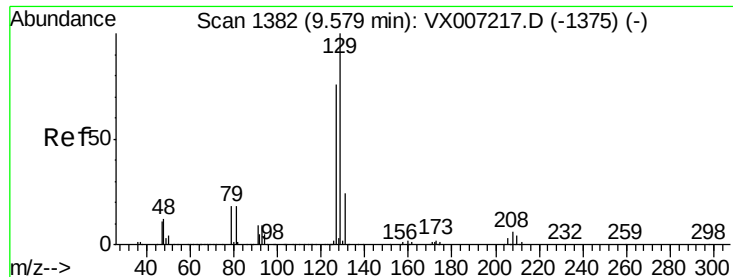
76 100

78 33.0 0.0 66.2



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





#53

Dibromochloromethane

Concen: 19.004 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007287.D

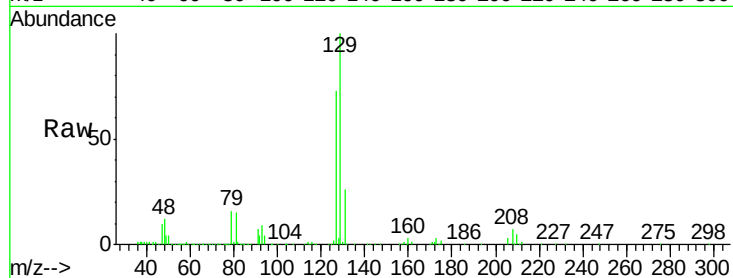
Acq: 29 Jan 2019 14:49

Tot Ion:129 Resp: 89410

Ion Ratio Lower Upper

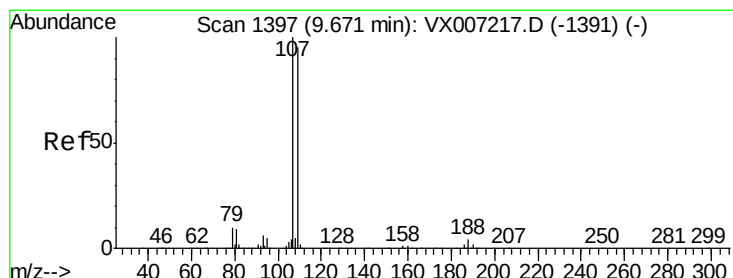
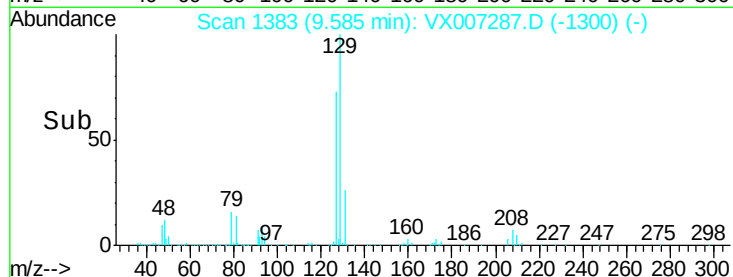
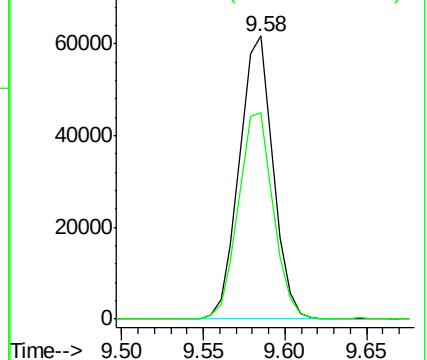
129 100

127 75.1 37.7 113.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.426 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007287.D

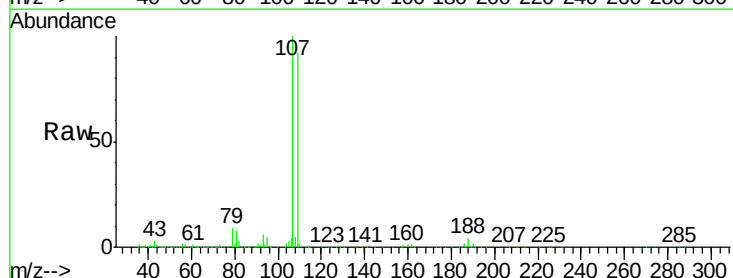
Acq: 29 Jan 2019 14:49

Tgt Ion:107 Resp: 102358

Ion Ratio Lower Upper

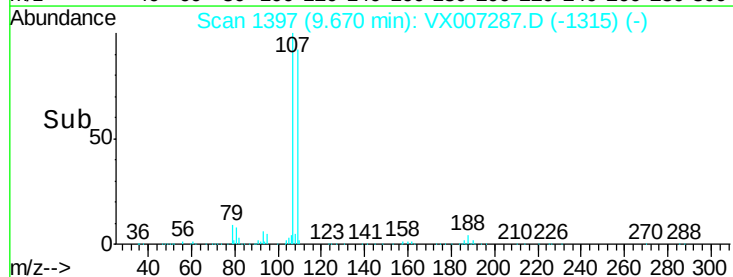
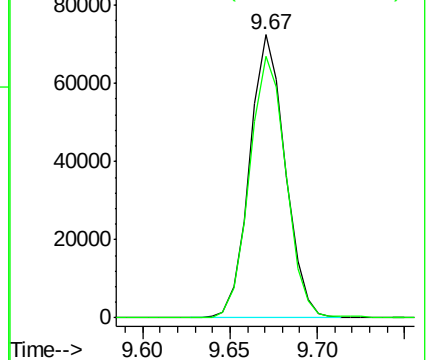
107 100

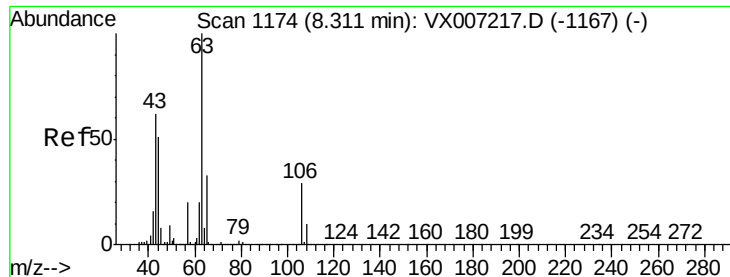
109 95.1 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 100.222 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

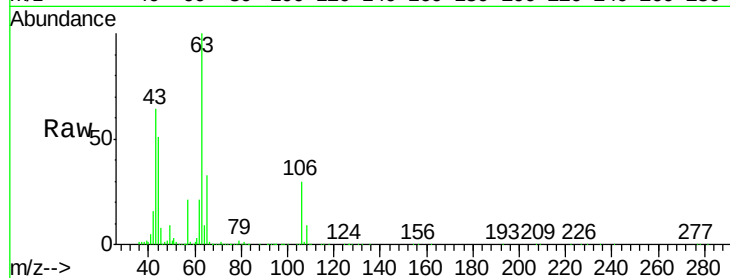
Tot Ion: 63 Resp: 366705

Ion Ratio Lower Upper

63 100

65 32.8 25.9 38.9

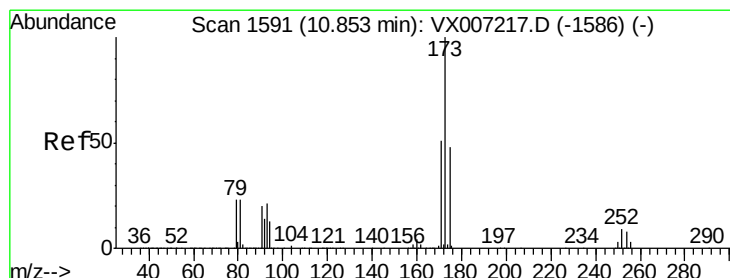
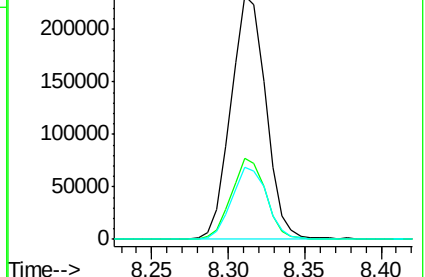
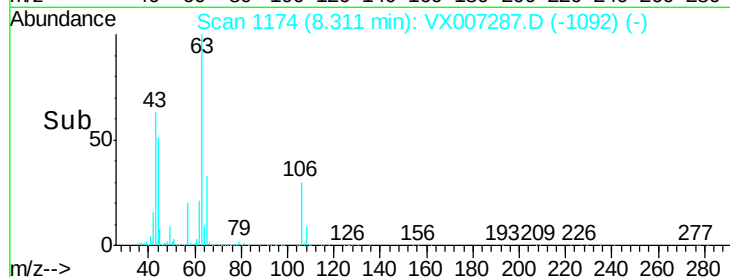
106 30.1 23.8 35.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 17.923 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

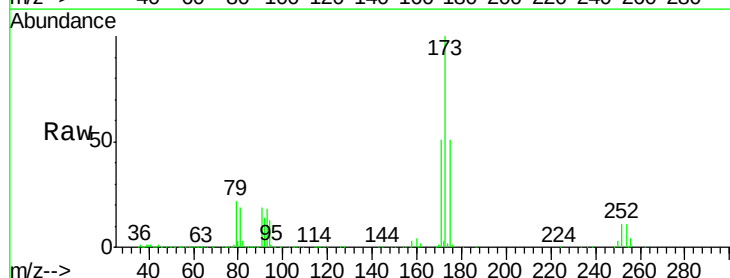
Tgt Ion: 173 Resp: 64028

Ion Ratio Lower Upper

173 100

175 49.2 38.9 58.3

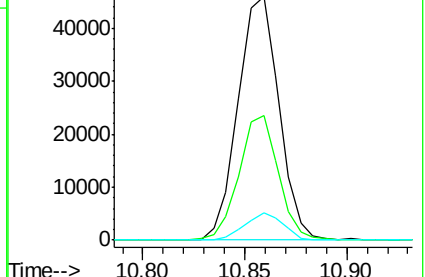
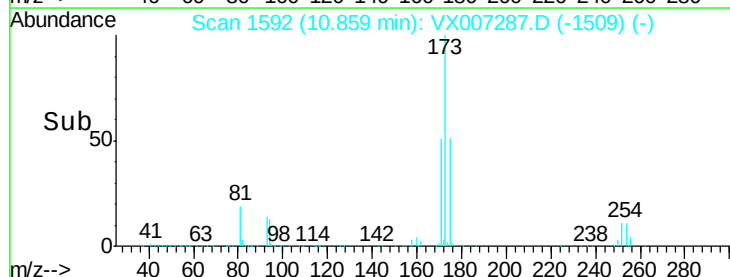
254 10.5 8.5 12.7

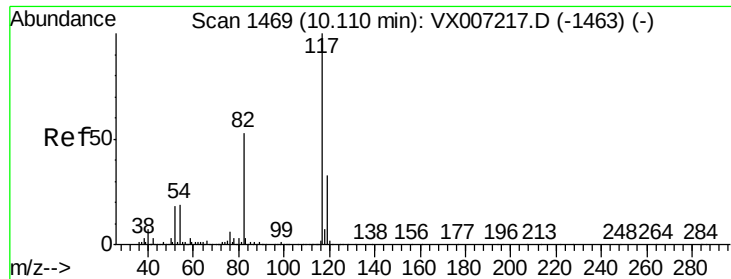


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

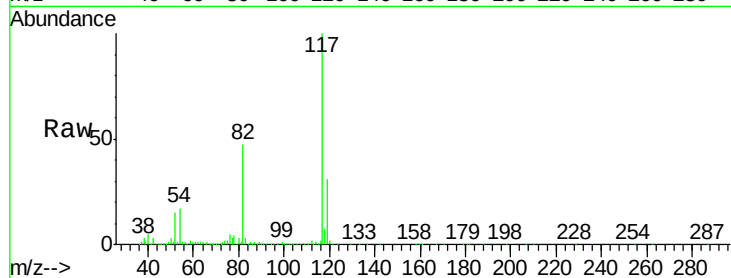
Ion 254.00 (253.70 to 254.70): V





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.4	62.0
119	32.3	25.7	38.5

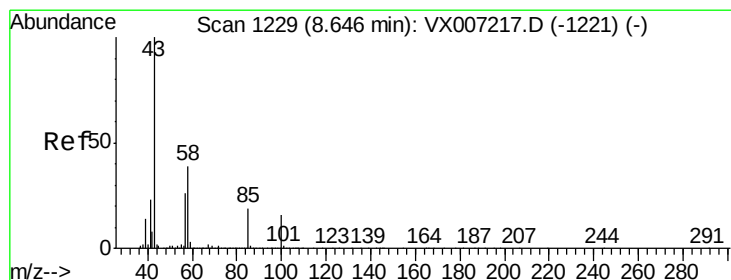
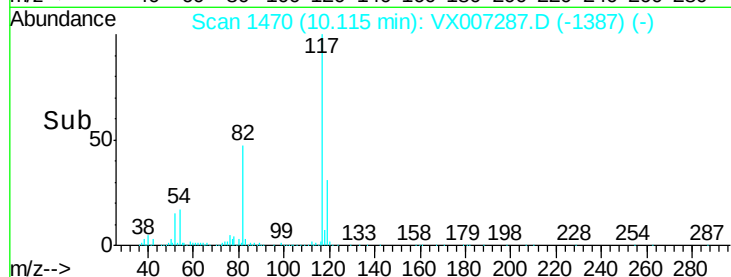
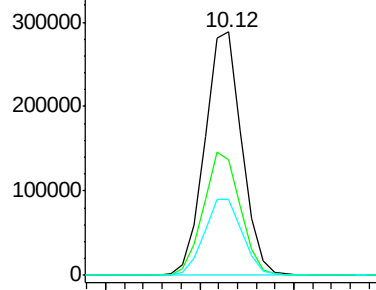


Abundance

Ion 117.00 (116.70 to 117.70): V

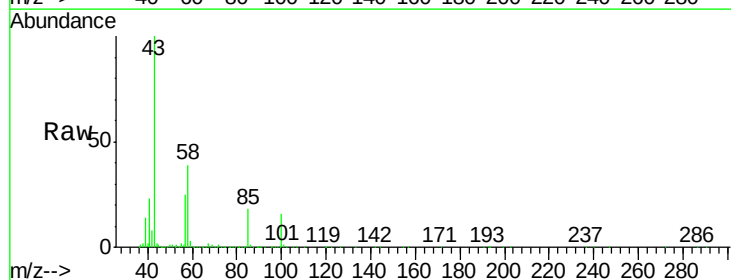
Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58
4-Methyl-2-Pentanone
Concen: 100.802 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.6	47.4
85	18.5	14.9	22.3

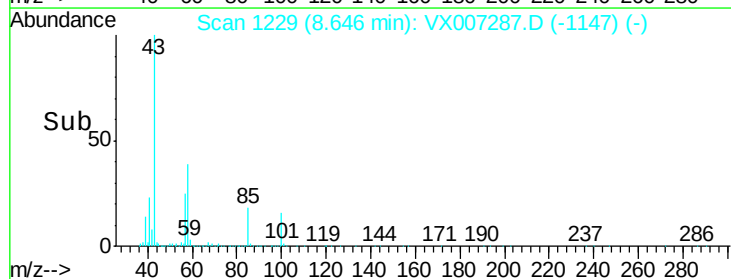
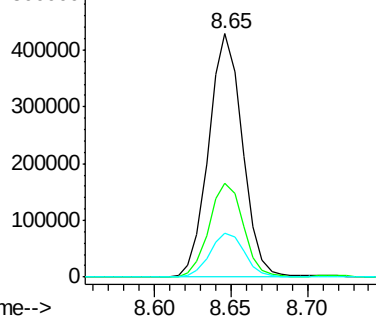


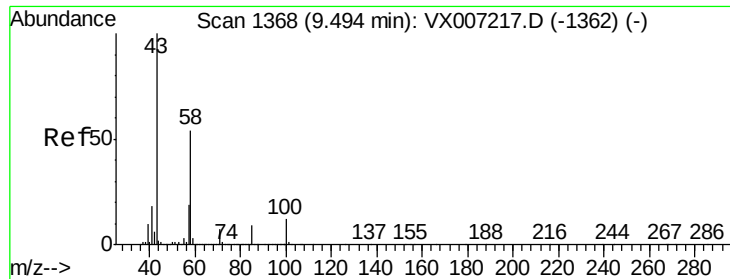
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





#59

2-Hexanone

Concen: 98.192 ug/l

RT: 9.49 min Scan# 1368

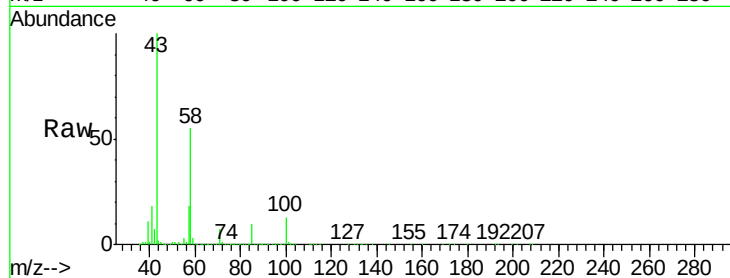
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion: 43 Resp: 496081

Ion	Ratio	Lower	Upper
43	100		
58	54.2	42.8	64.2
57	18.7	14.8	22.2

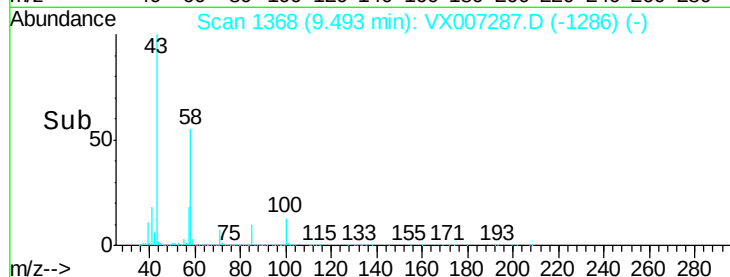


Abundance

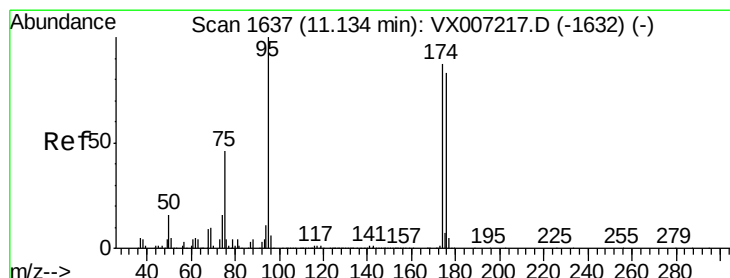
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#60

4-Bromofluorobenzene

Concen: 30.227 ug/l

RT: 11.13 min Scan# 1637

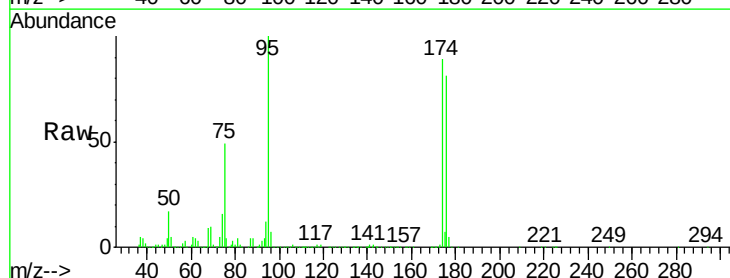
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tgt Ion: 95 Resp: 182146

Ion	Ratio	Lower	Upper
95	100		
174	93.0	74.8	112.2
176	90.1	72.5	108.7

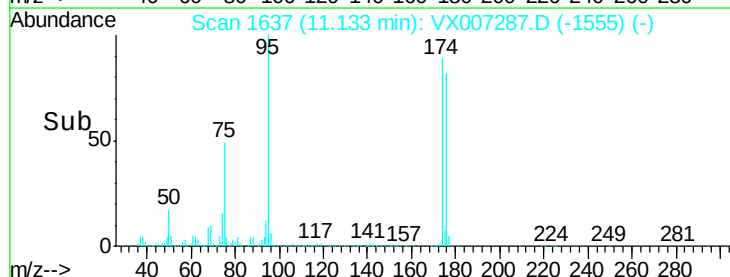


Abundance

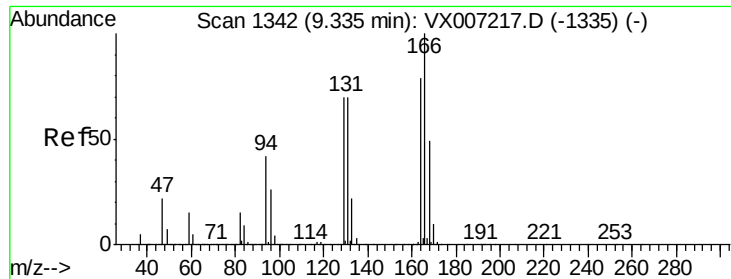
Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->



#61

Tetrachloroethene

Concen: 19.703 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion:164 Resp: 107225

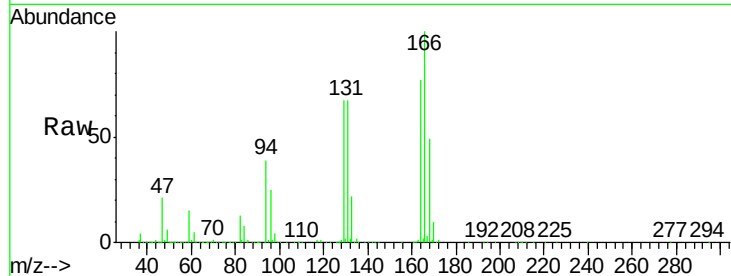
Ion Ratio Lower Upper

164 100

166 130.2 101.6 152.4

129 86.6 70.6 106.0

131 87.9 71.1 106.7

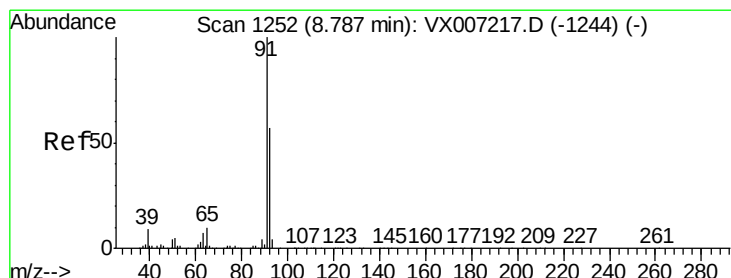
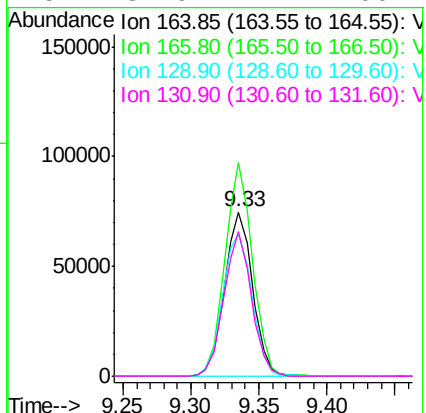
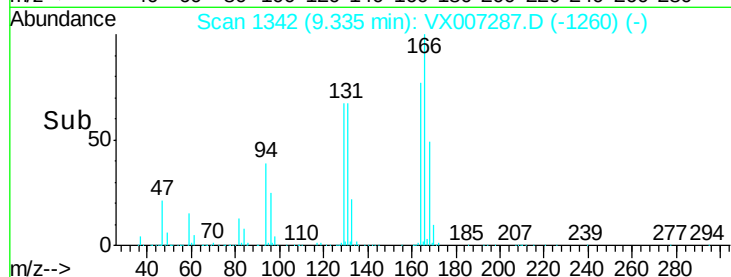


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.998 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007287.D

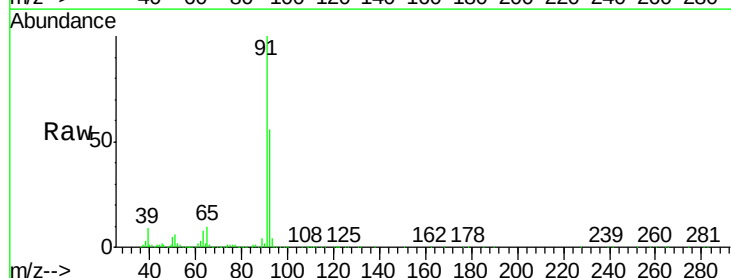
Acq: 29 Jan 2019 14:49

Tgt Ion: 91 Resp: 393013

Ion Ratio Lower Upper

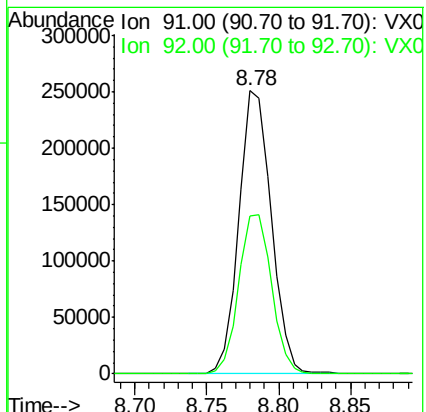
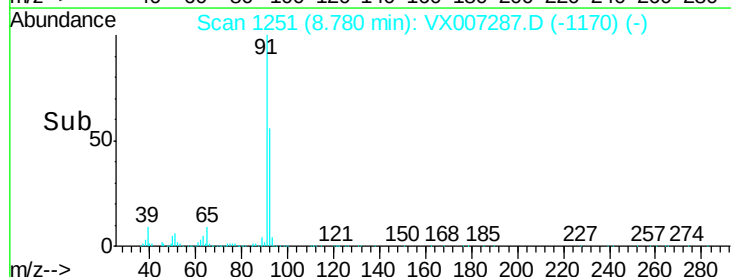
91 100

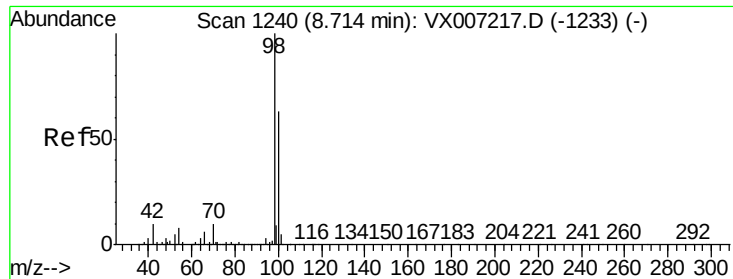
92 57.2 46.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.723 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007287.D

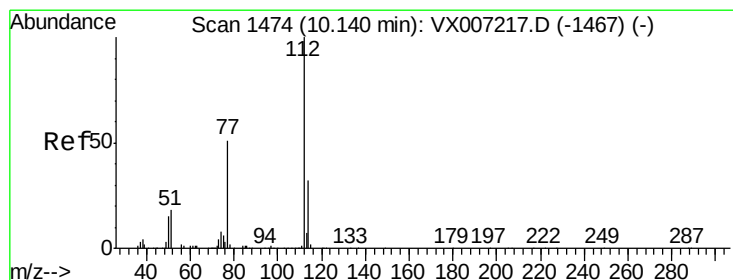
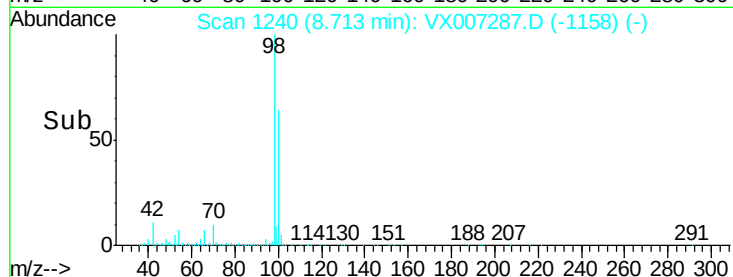
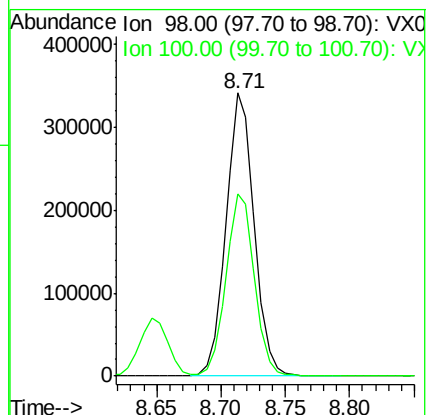
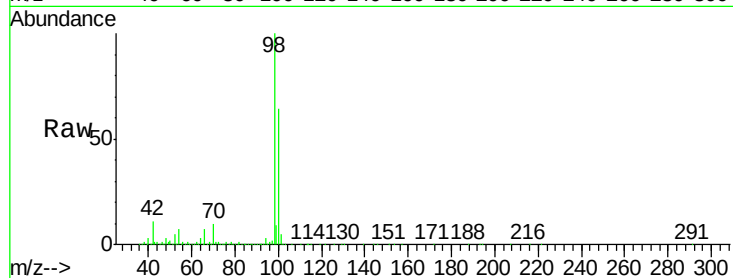
Acq: 29 Jan 2019 14:49

Tot Ion: 98 Resp: 523071

Ion Ratio Lower Upper

98 100

100 65.0 49.9 74.9



#64

Chlorobenzene

Concen: 20.000 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007287.D

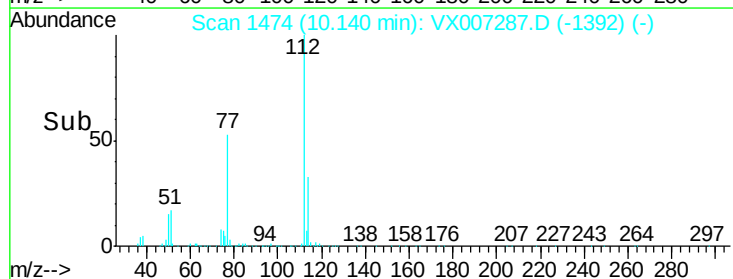
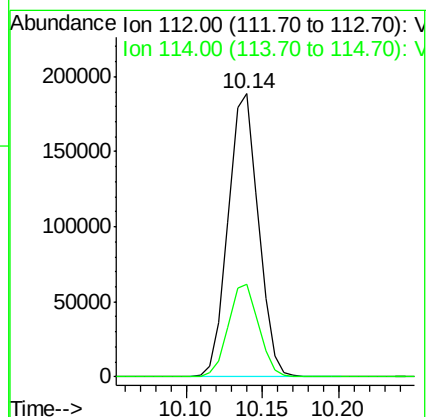
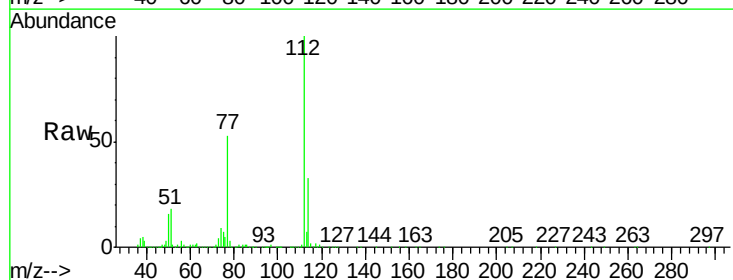
Acq: 29 Jan 2019 14:49

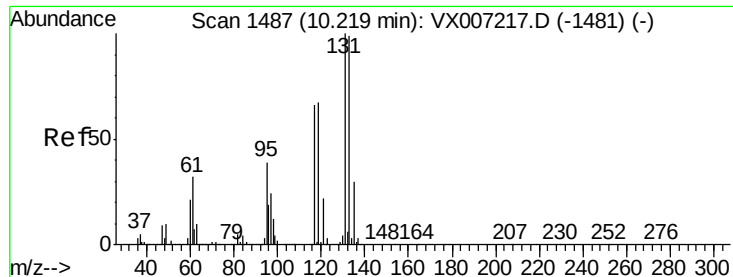
Tgt Ion: 112 Resp: 259290

Ion Ratio Lower Upper

112 100

114 32.7 25.4 38.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.523 ug/l

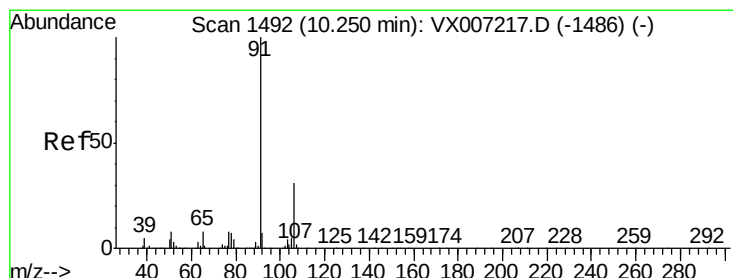
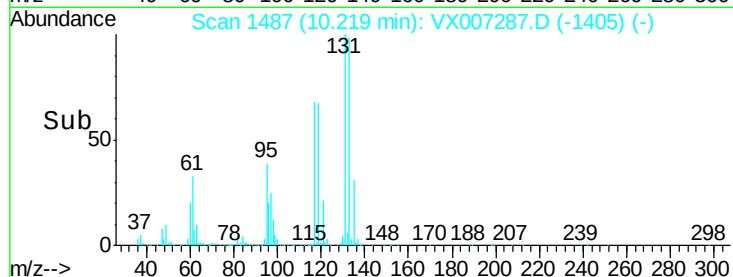
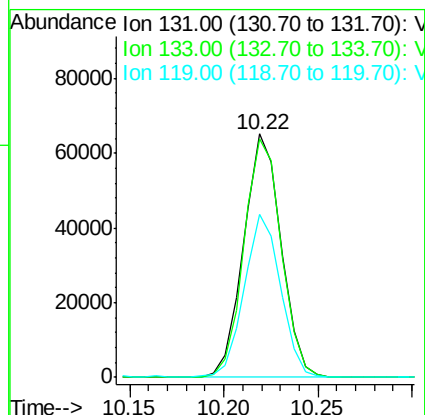
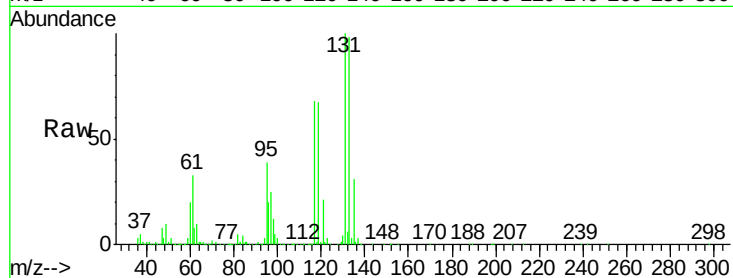
RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion:	131	Resp:	89653
Ion	Ratio	Lower	Upper
131	100		
133	97.8	0.0	196.4
119	65.5	0.0	134.4



#66

Ethyl Benzene

Concen: 19.843 ug/l

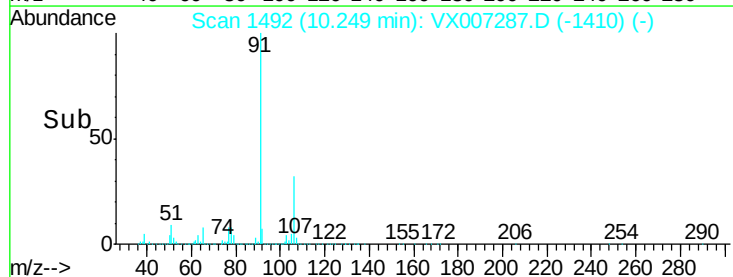
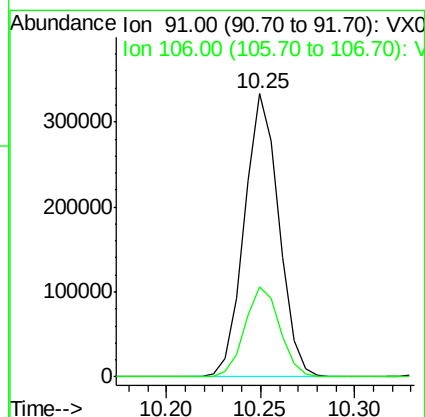
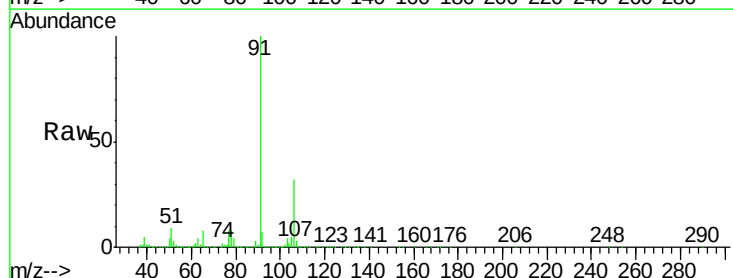
RT: 10.25 min Scan# 1492

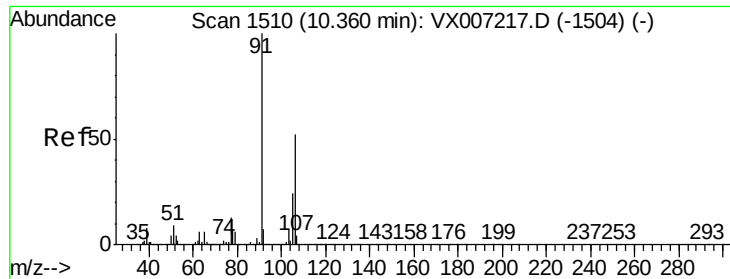
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tgt Ion:	91	Resp:	422507
Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.1	37.7





#67

m/p-Xylenes

Concen: 39.300 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007287.D

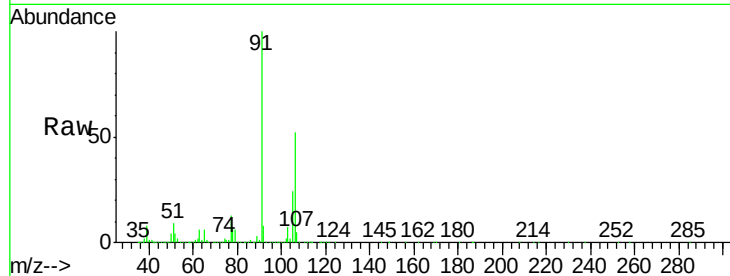
Acq: 29 Jan 2019 14:49

Tot Ion:106 Resp: 330456

Ion Ratio Lower Upper

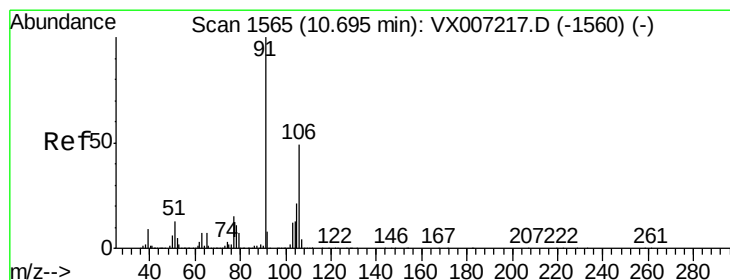
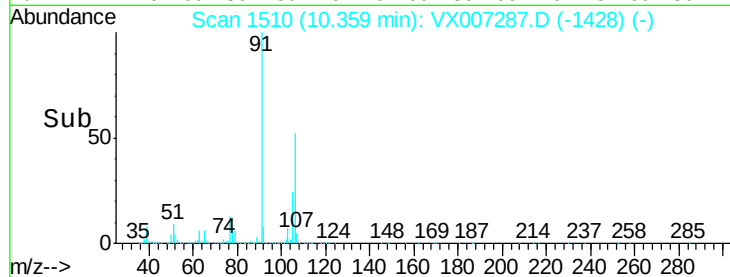
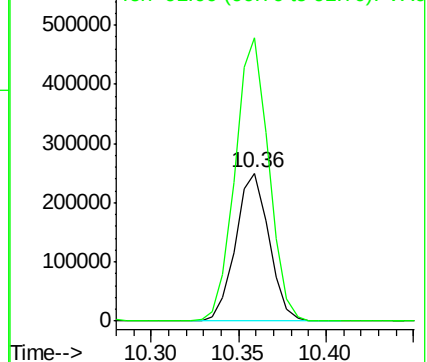
106 100

91 192.5 157.6 236.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.570 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX007287.D

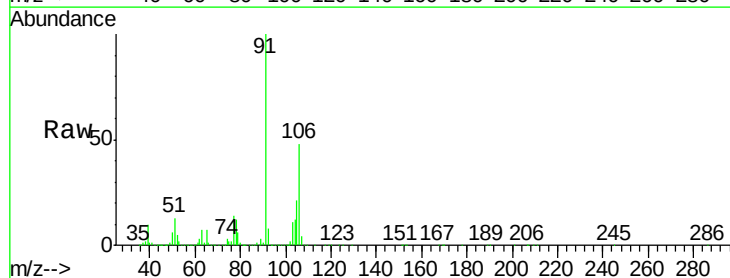
Acq: 29 Jan 2019 14:49

Tgt Ion:106 Resp: 161202

Ion Ratio Lower Upper

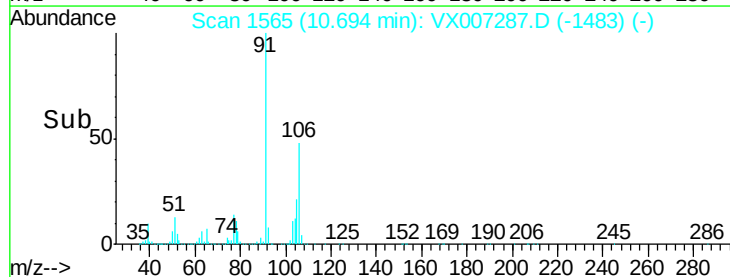
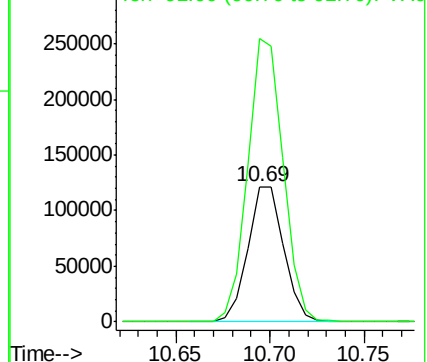
106 100

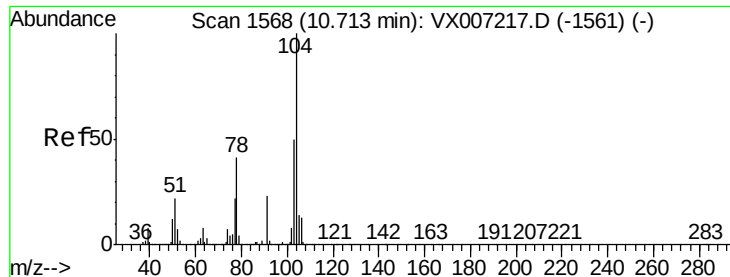
91 206.1 103.6 310.8



Abundance Ion 106.00 (105.70 to 106.70): V

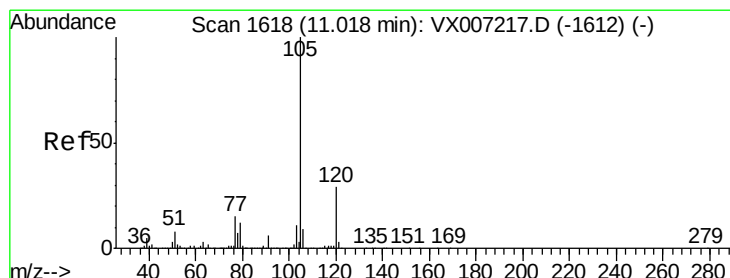
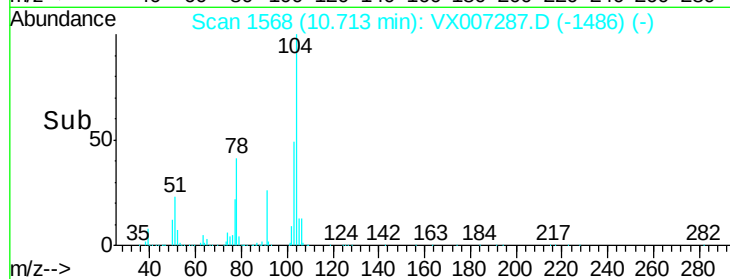
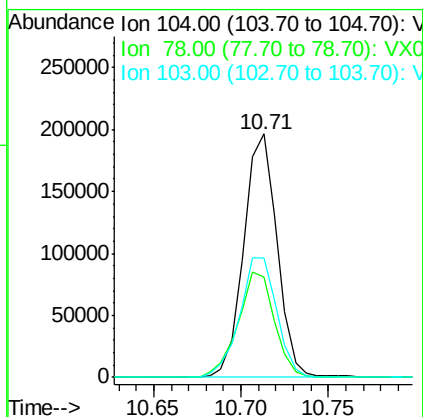
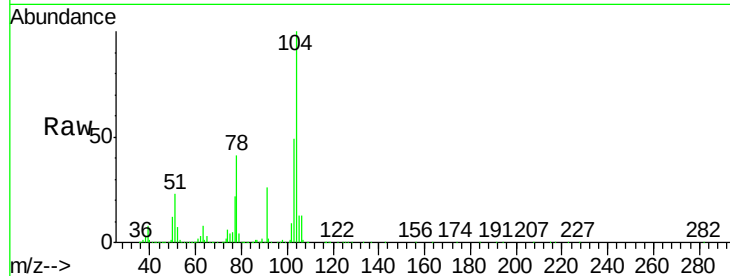
Ion 91.00 (90.70 to 91.70): VX0





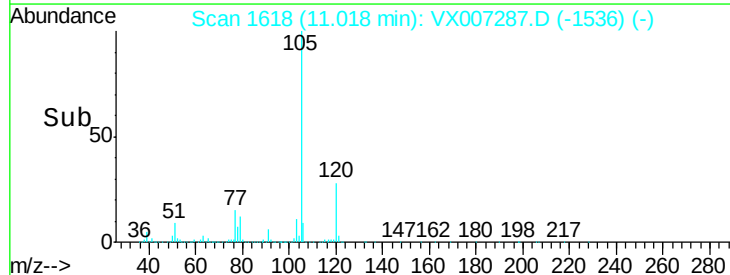
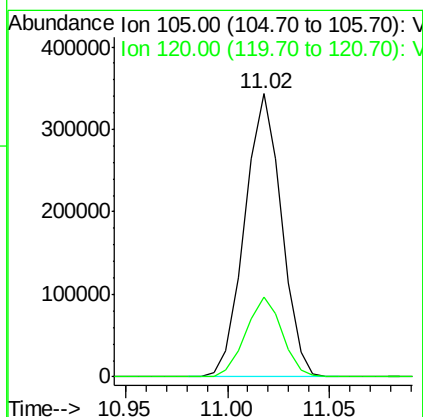
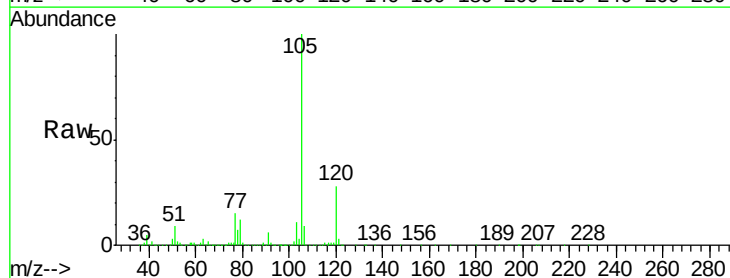
#69
Stvrene
Concen: 19.602 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

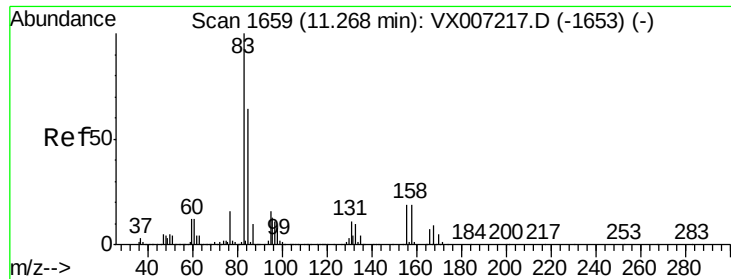
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.8	56.8
103	54.9	45.3	67.9



#70
Isopropylbenzene
Concen: 19.798 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	19.9	36.9





#71

1,1,2,2-Tetrachloroethane

Concen: 20.165 ug/l

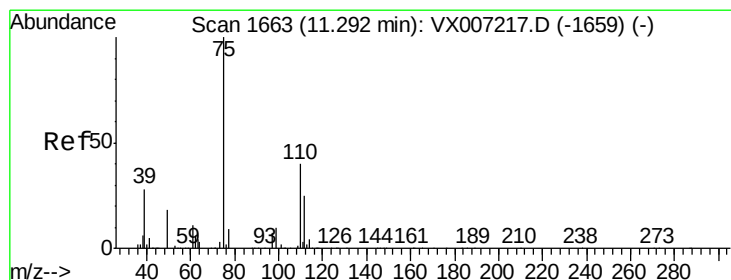
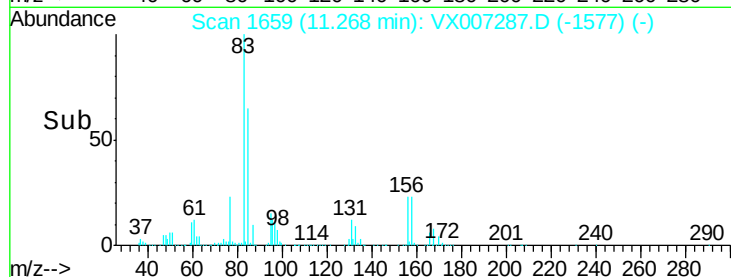
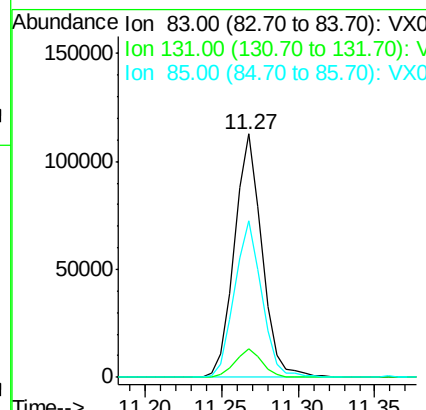
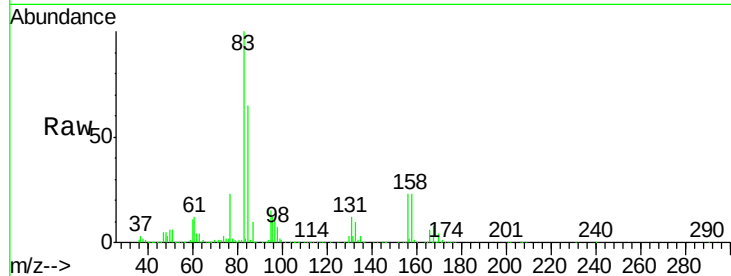
RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion:	83	Resp:	140795
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.3	15.9
85	63.9	31.8	95.3



#72

1,2,3-Trichloropropane

Concen: 20.131 ug/l m

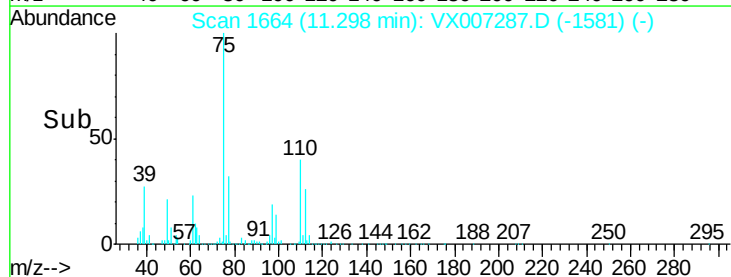
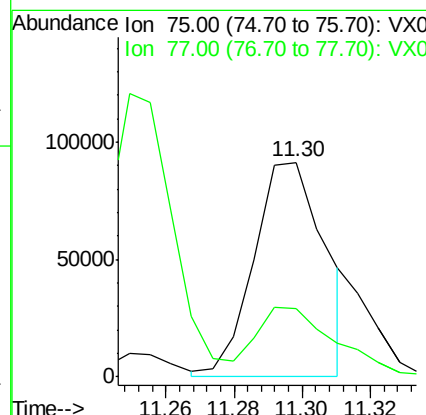
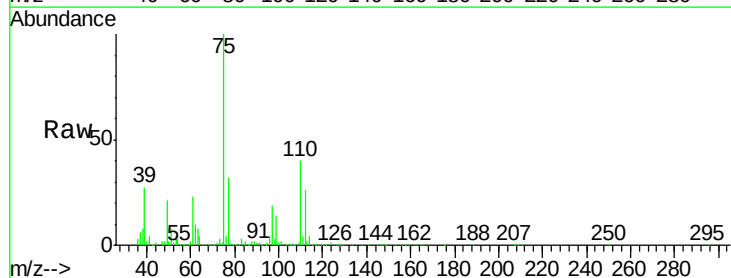
RT: 11.30 min Scan# 1664

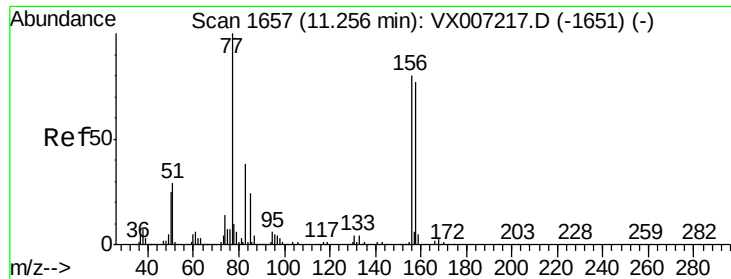
Delta R.T. 0.01 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tgt Ion:	75	Resp:	132147
Ion	Ratio	Lower	Upper
75	100		
77	36.3	0.0	73.2





#73

Bromobenzene

Concen: 19.756 ug/l

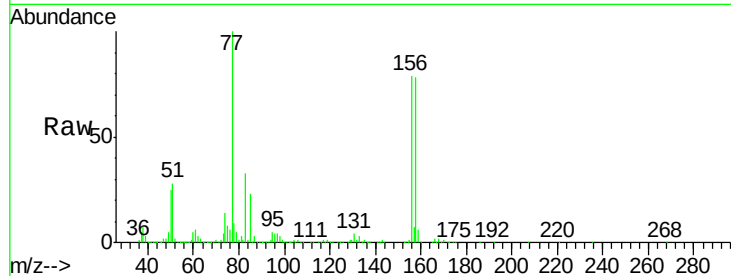
RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

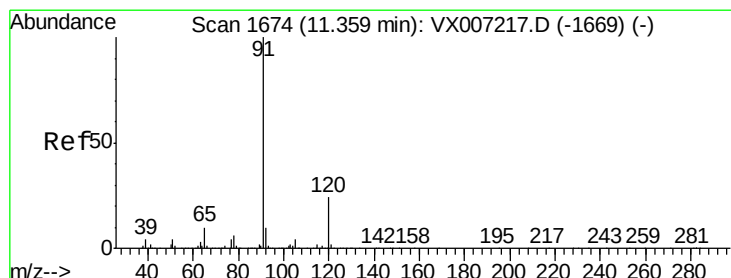
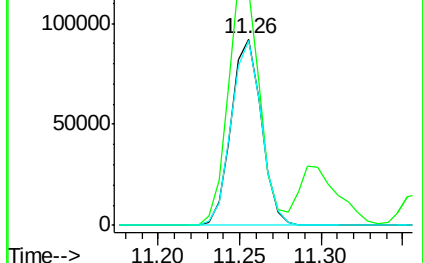
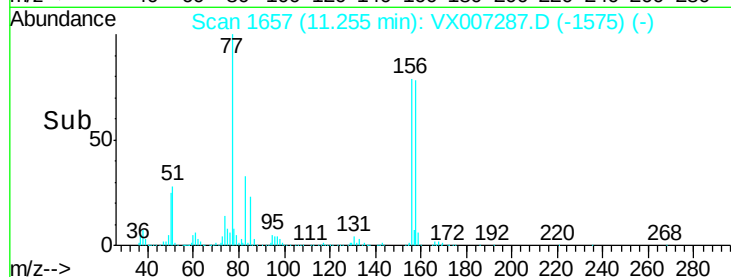
Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion:	156	Resp:	119241
Ion	Ratio	Lower	Upper
156	100		
77	135.7	0.0	267.0
158	99.1	0.0	194.6



Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.706 ug/l

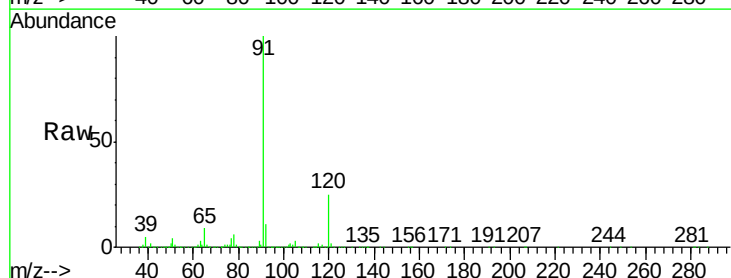
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

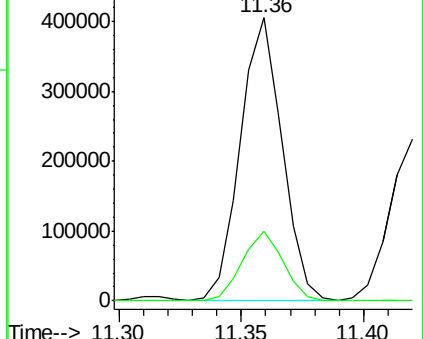
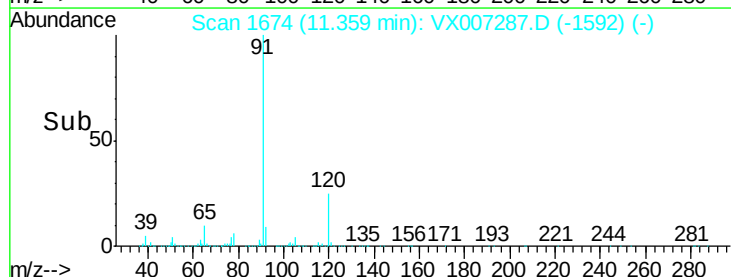
Lab File: VX007287.D

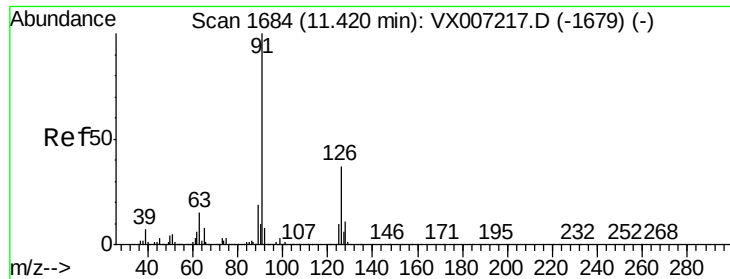
Acq: 29 Jan 2019 14:49

Tgt Ion:	91	Resp:	483631
Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.706 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007287.D

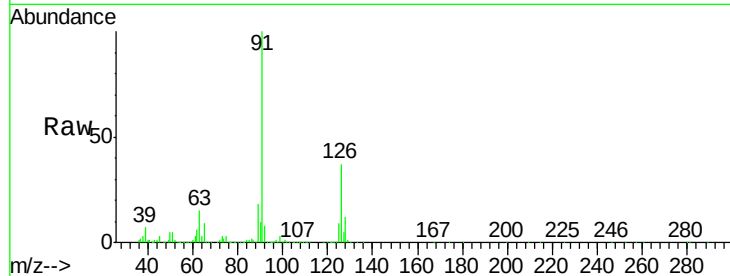
Acq: 29 Jan 2019 14:49

Tot Ion: 91 Resp: 286794

Ion Ratio Lower Upper

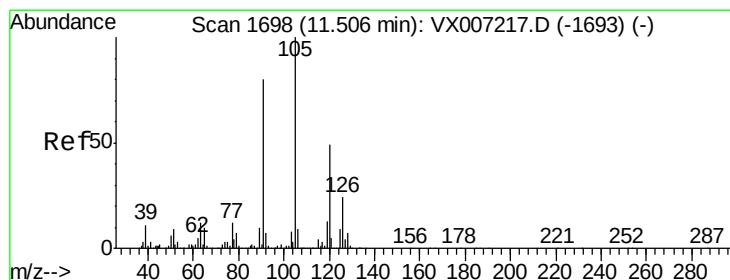
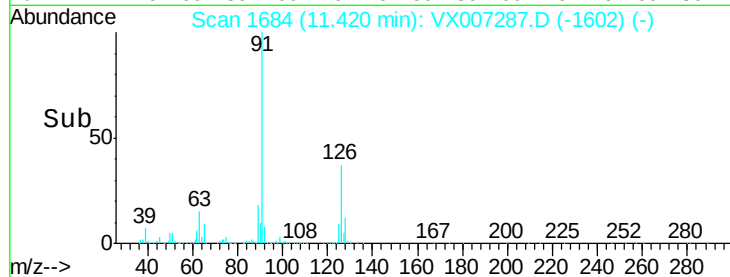
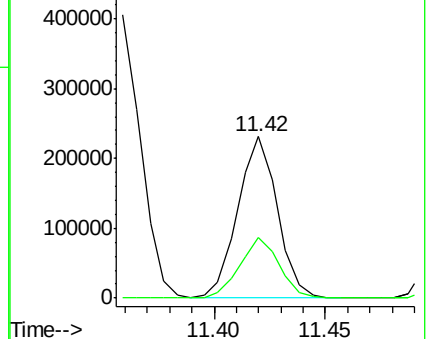
91 100

126 37.2 0.0 72.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.331 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007287.D

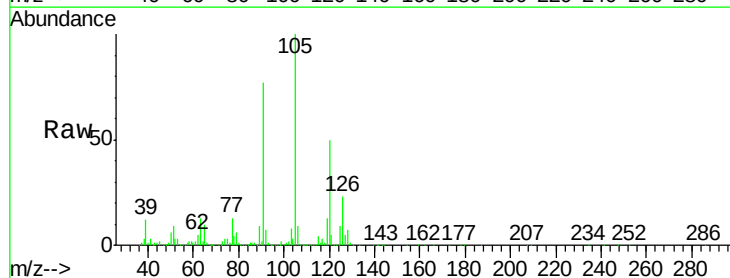
Acq: 29 Jan 2019 14:49

Tgt Ion:105 Resp: 351834

Ion Ratio Lower Upper

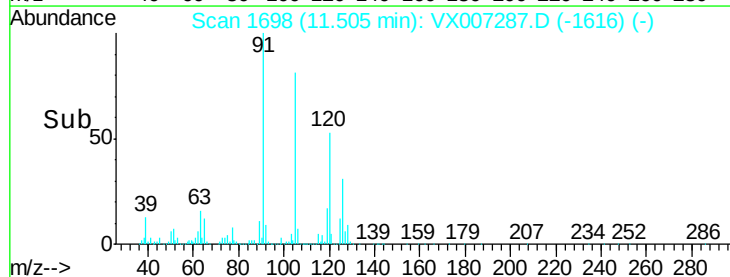
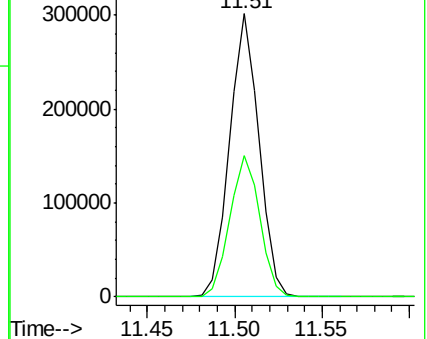
105 100

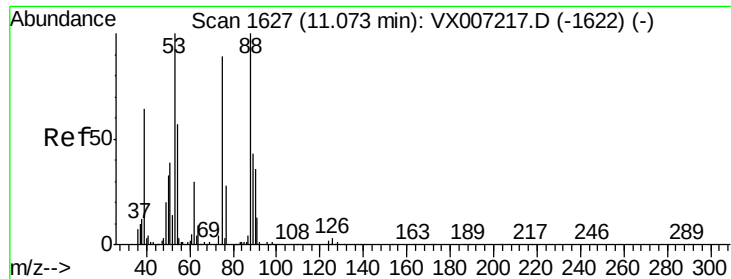
120 51.0 0.0 99.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.462 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

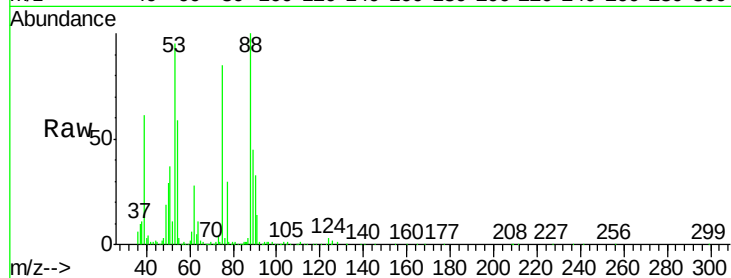
Tot Ion: 75 Resp: 31396

Ion Ratio Lower Upper

75 100

53 112.0 55.9 167.6

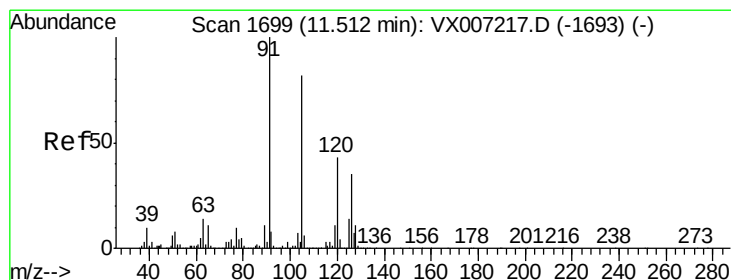
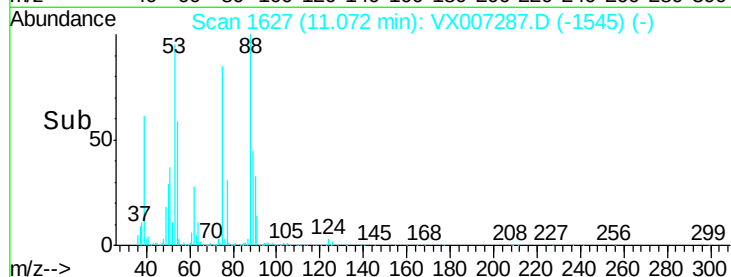
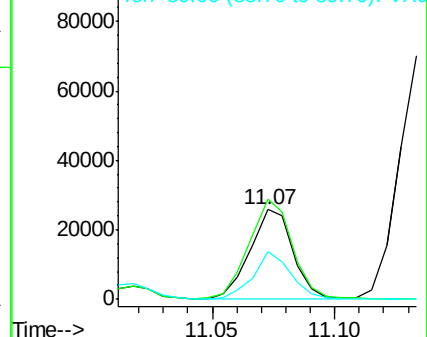
89 53.3 24.1 72.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.205 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007287.D

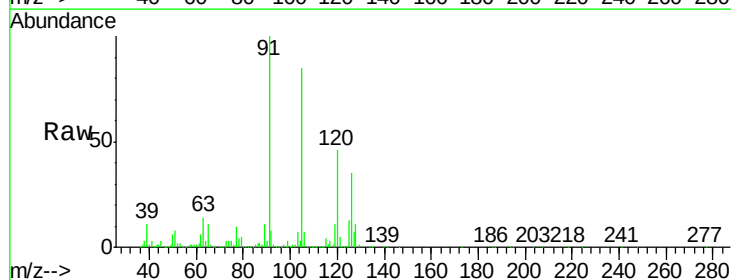
Acq: 29 Jan 2019 14:49

Tgt Ion: 91 Resp: 325434

Ion Ratio Lower Upper

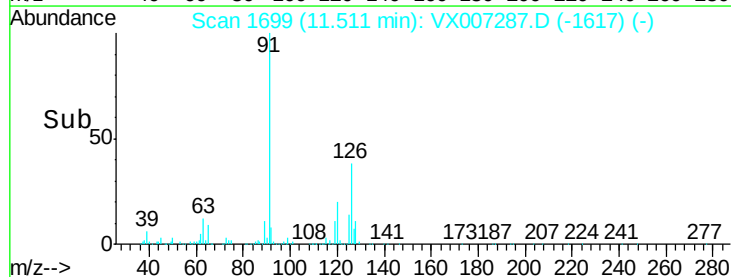
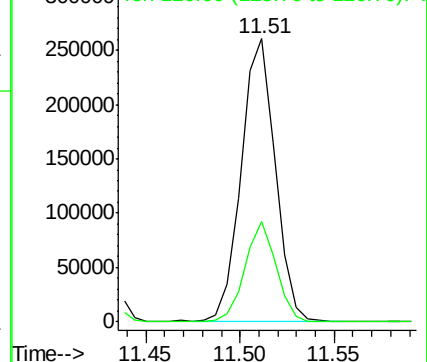
91 100

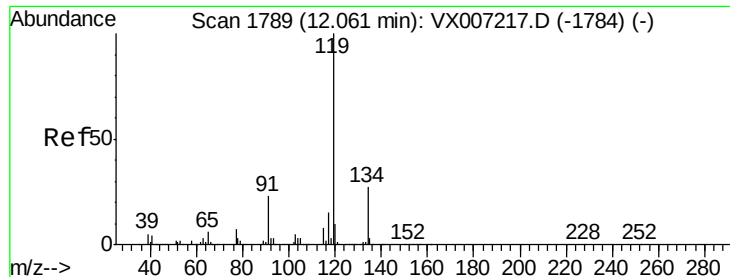
126 32.7 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

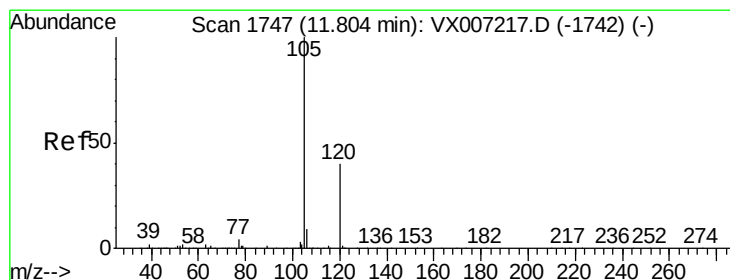
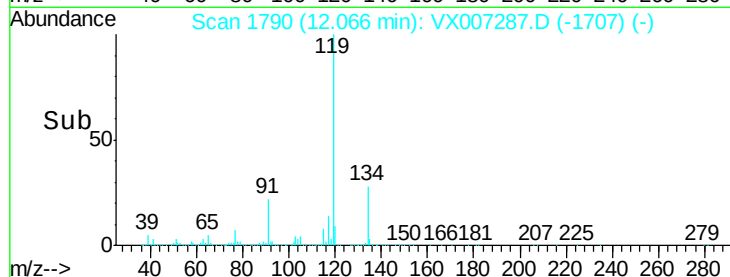
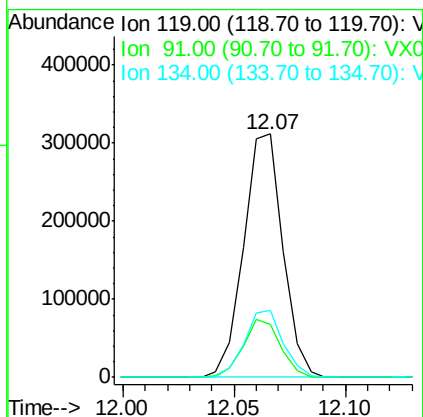
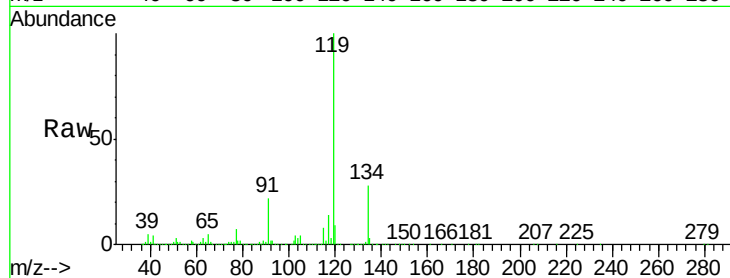
Ion 126.00 (125.70 to 126.70): V





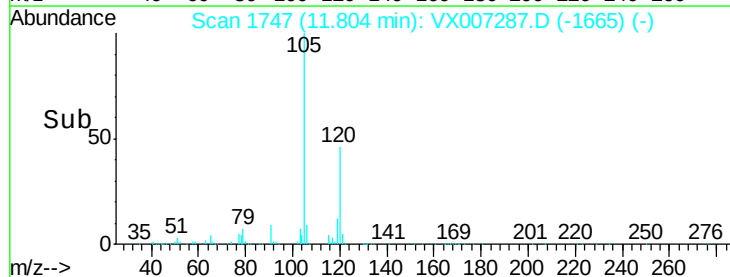
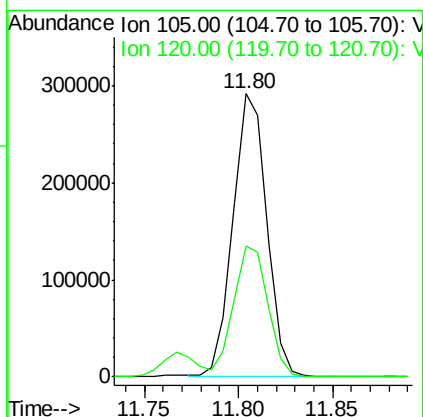
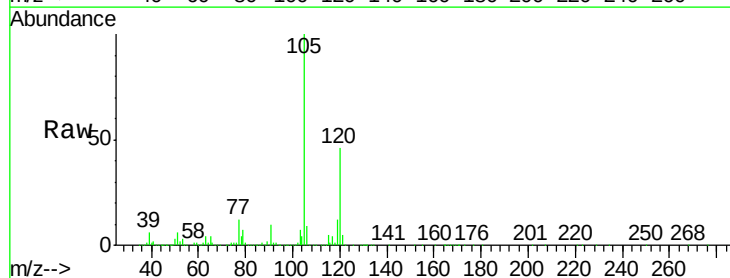
#79
tert-butylbenzene
Concen: 19.408 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

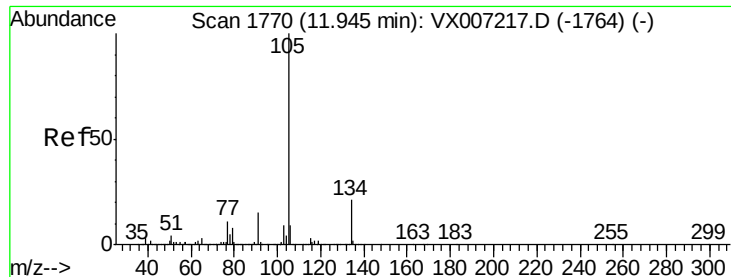
Tot Ion	Ratio	Lower	Upper
119	100		
91	23.0	0.0	45.0
134	26.9	0.0	55.8



#80
1,2,4-Trimethylbenzene
Concen: 19.682 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007287.D
Acq: 29 Jan 2019 14:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	0.0	94.4





#81

sec-Butylbenzene

Concen: 19.512 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007287.D

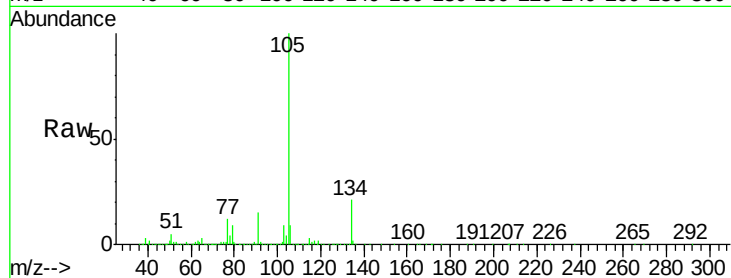
Acq: 29 Jan 2019 14:49

Tot Ion:105 Resp: 428215

Ion Ratio Lower Upper

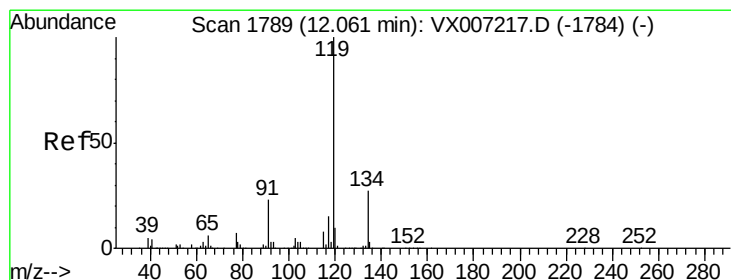
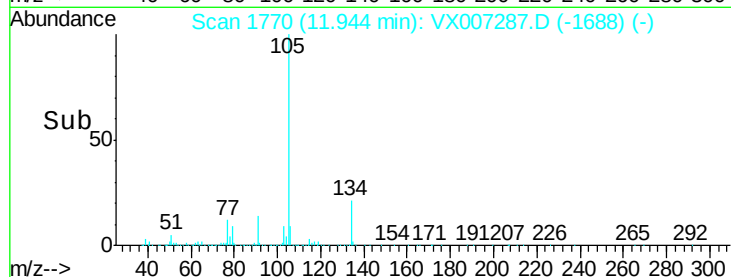
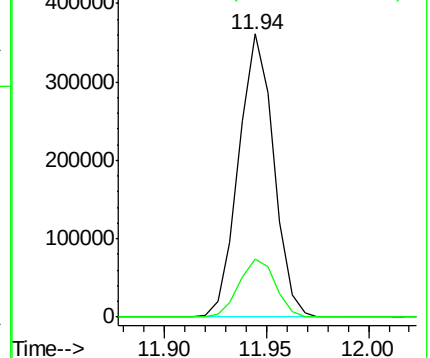
105 100

134 21.6 0.0 42.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.408 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

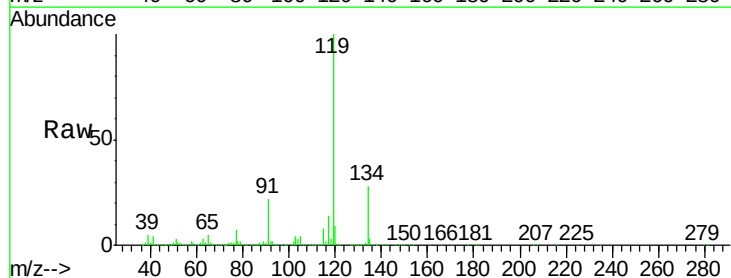
Tgt Ion:119 Resp: 382188

Ion Ratio Lower Upper

119 100

134 26.9 0.0 55.8

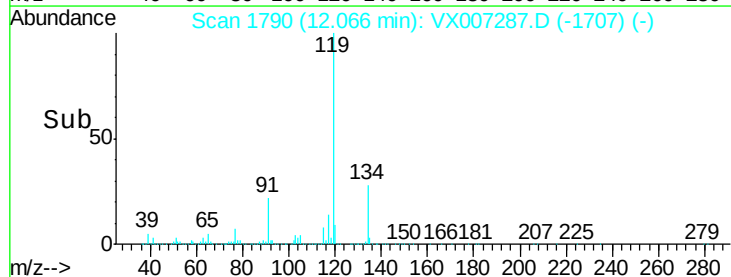
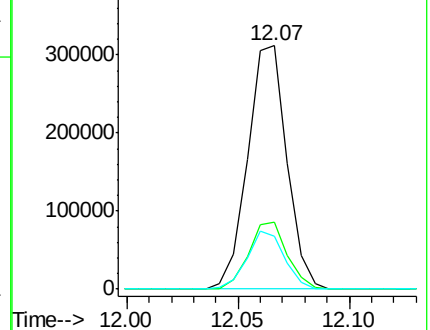
91 23.0 0.0 45.0

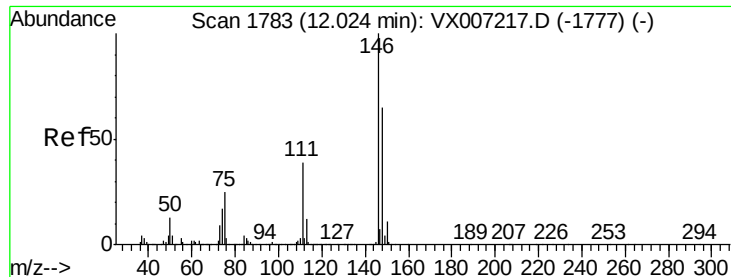


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

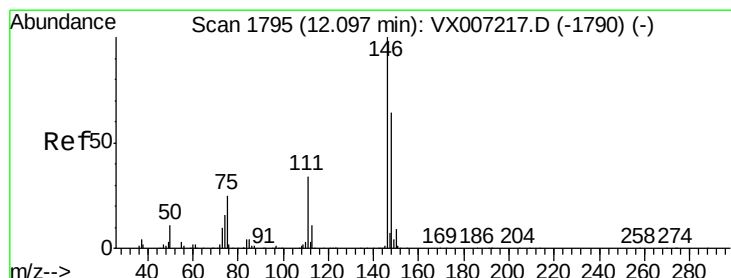
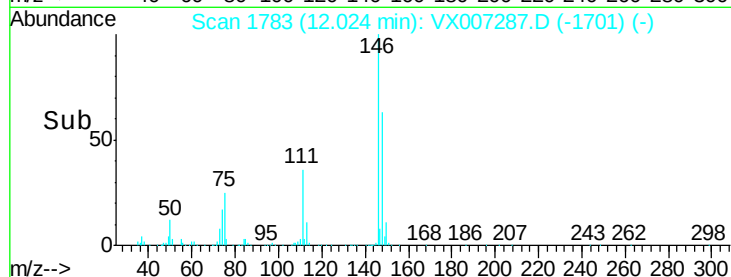
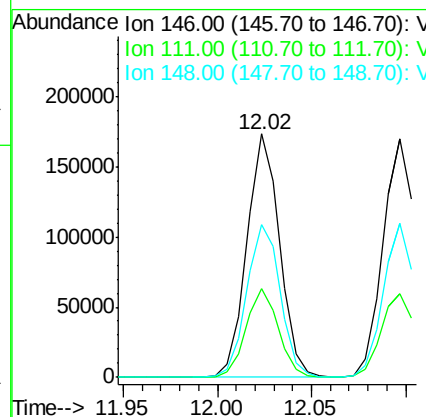
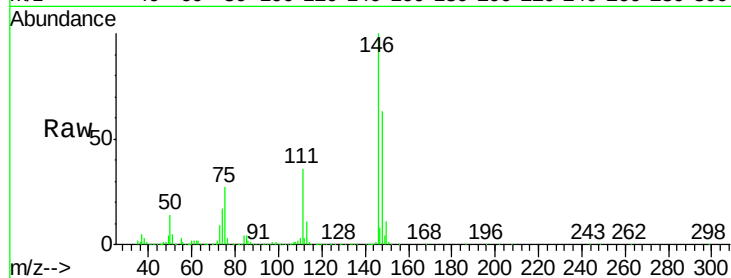
Ion 91.00 (90.70 to 91.70): V





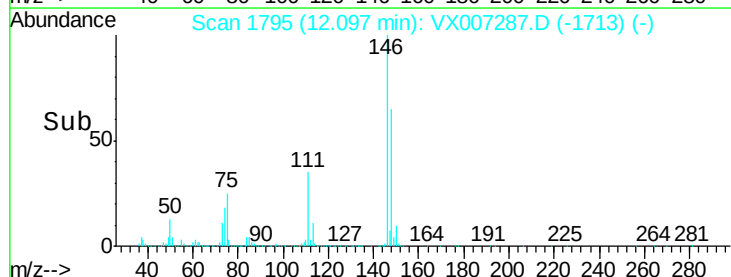
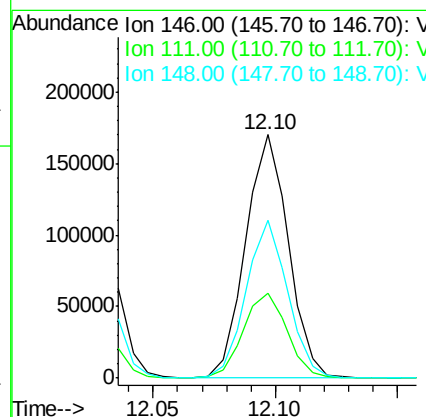
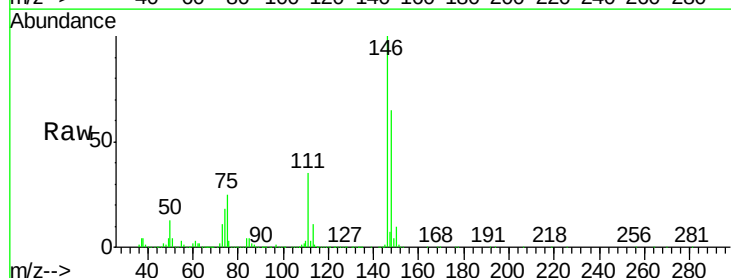
#83
 1,3-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

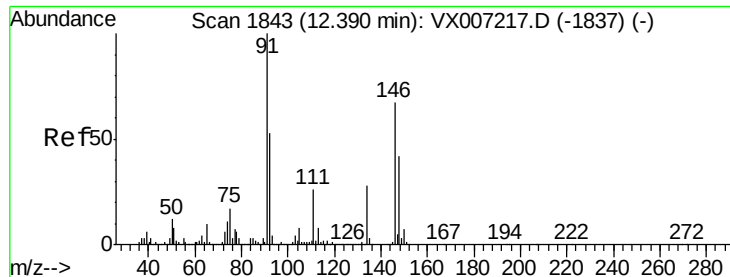
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	19.0	57.0
148	64.4	31.6	94.7



#84
 1,4-Dichlorobenzene
 Concen: 19.057 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.4	52.2
148	63.5	31.9	95.5





#85

n-Butylbenzene

Concen: 18.396 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

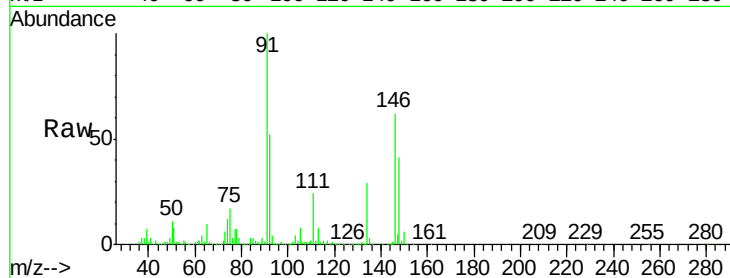
Tot Ion: 91 Resp: 310900

Ion Ratio Lower Upper

91 100

92 53.1 0.0 106.2

134 28.4 0.0 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX007217.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX007217.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX007217.D (-1837) (-)

12.39

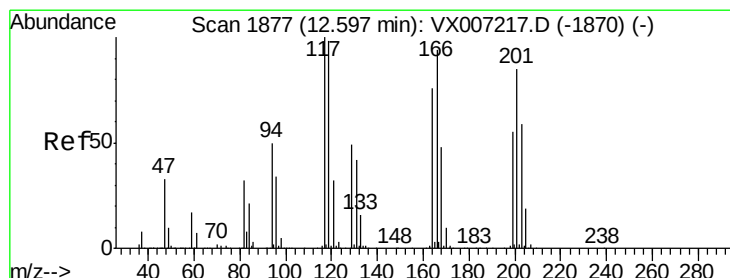
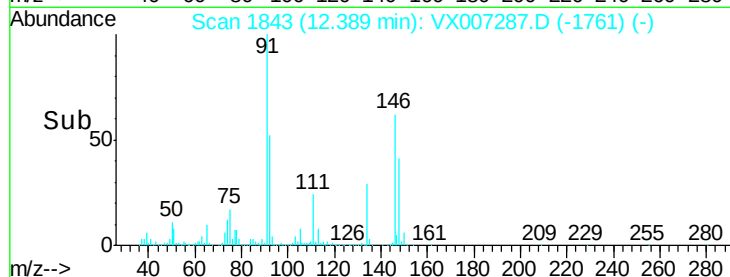
200000

100000

0

12.35 12.40

Time-->



#86

Hexachloroethane

Concen: 18.492 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007287.D

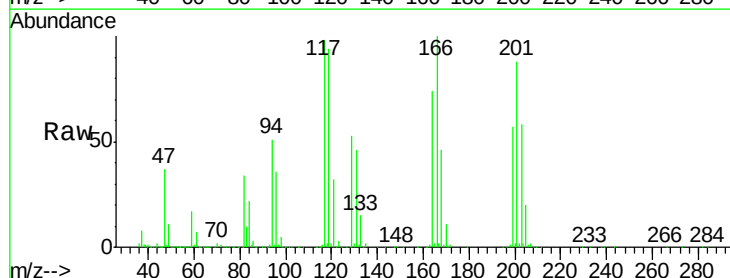
Acq: 29 Jan 2019 14:49

Tgt Ion: 117 Resp: 56302

Ion Ratio Lower Upper

117 100

201 84.4 41.6 124.8



Abundance Ion 117.00 (116.70 to 117.70): VX007217.D (-1870) (-)

Ion 201.00 (200.70 to 201.70): VX007217.D (-1870) (-)

12.60

50000

40000

30000

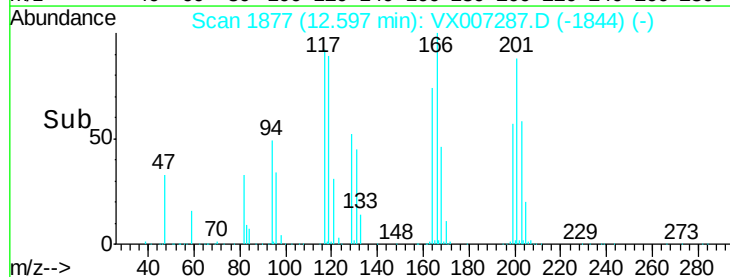
20000

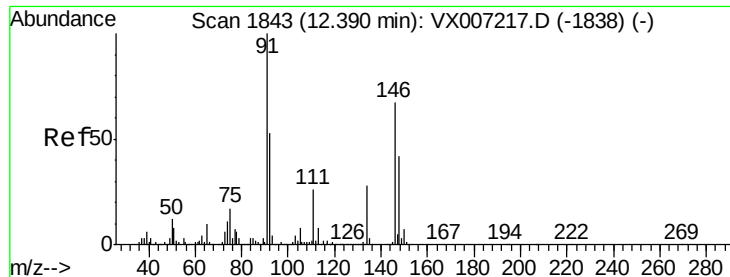
10000

0

12.55 12.60 12.65

Time-->





#87

1,2-Dichlorobenzene

Concen: 19.503 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

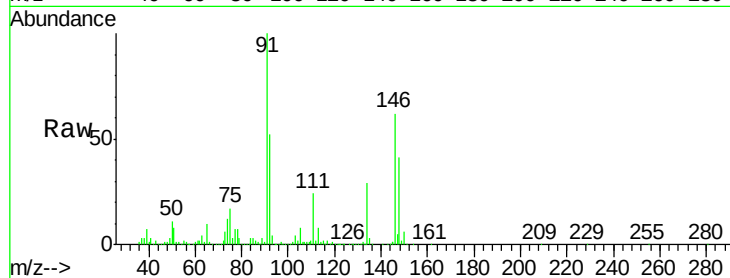
Tot Ion:146 Resp: 208355

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

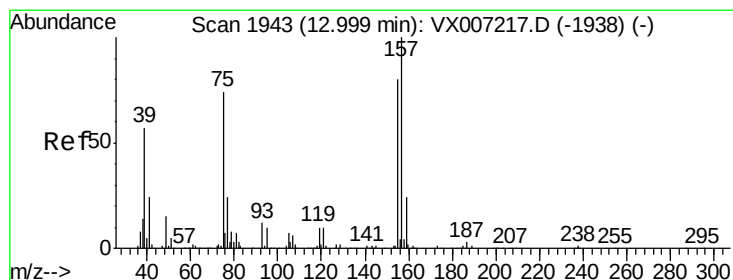
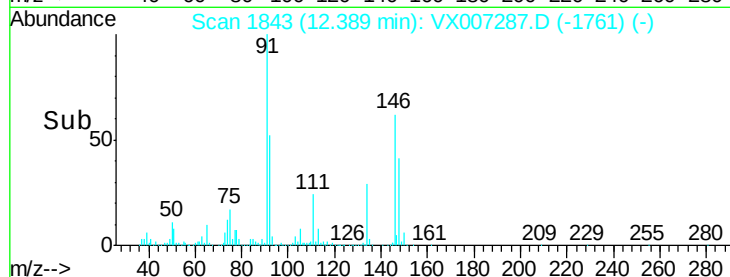
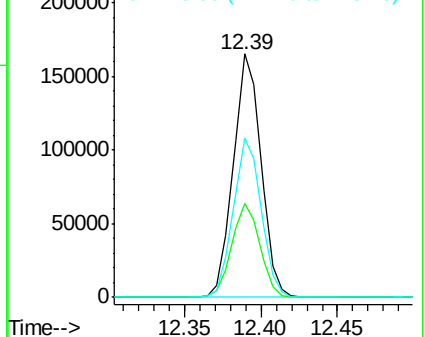
148 65.2 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.261 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

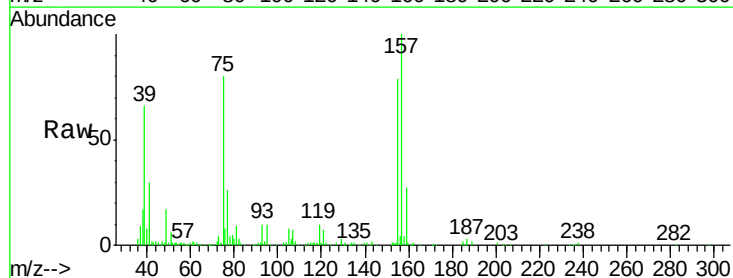
Tgt Ion: 75 Resp: 27410

Ion Ratio Lower Upper

75 100

155 95.7 82.8 124.2

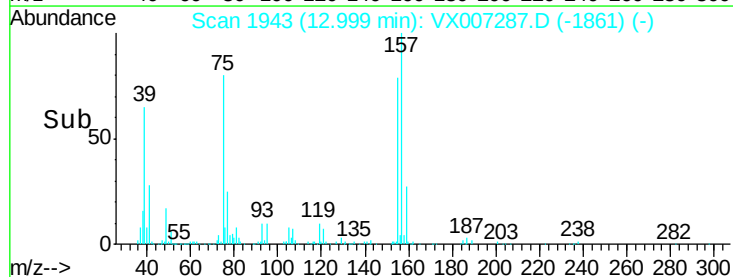
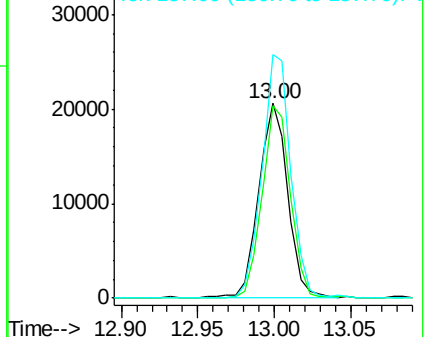
157 123.9 106.9 160.3

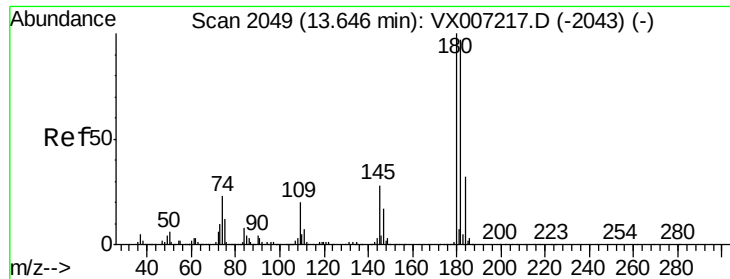


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

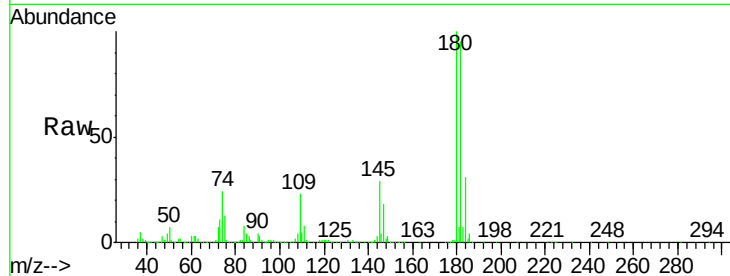
Ion 157.00 (156.70 to 157.70): V



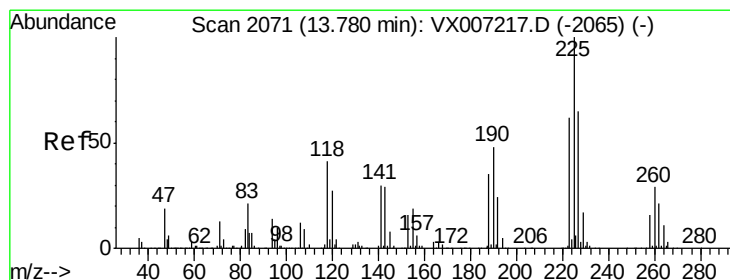
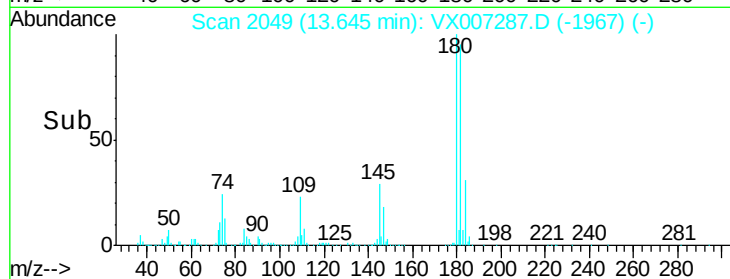
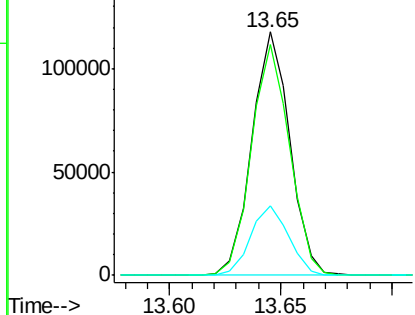


#89
 1,2,4-Trichlorobenzene
 Concen: 19.015 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
145	28.8	23.1	34.7

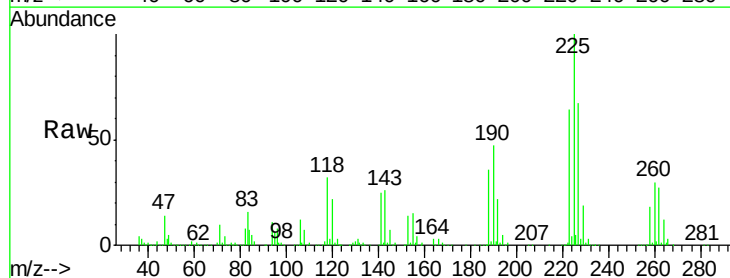


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

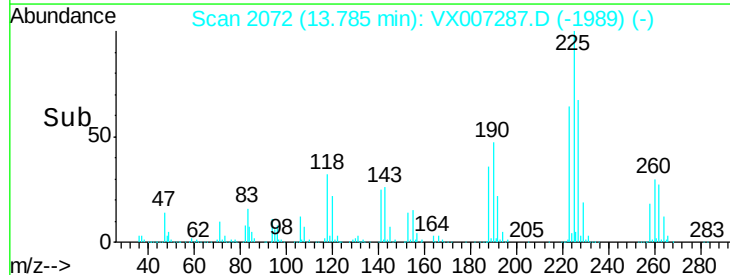
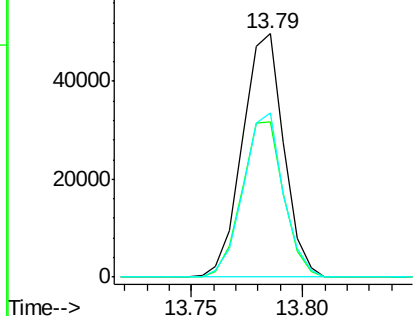


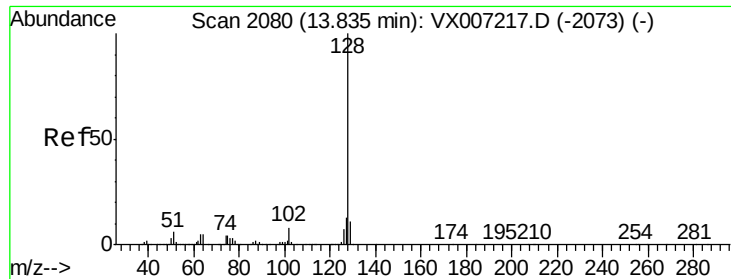
#90
 Hexachlorobutadiene
 Concen: 18.419 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007287.D
 Acq: 29 Jan 2019 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	0.0	124.6
227	64.9	0.0	128.2



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.292 ug/l

RT: 13.83 min Scan# 2080

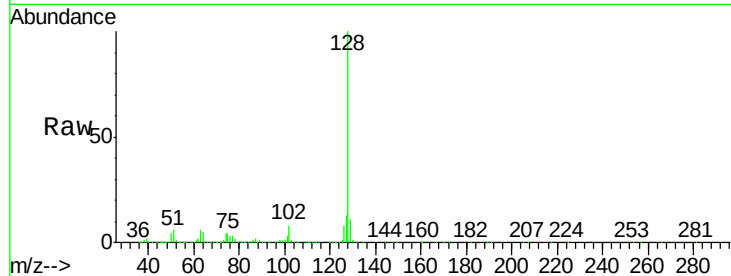
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tot Ion:128 Resp: 428296

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.1	8.9	13.3

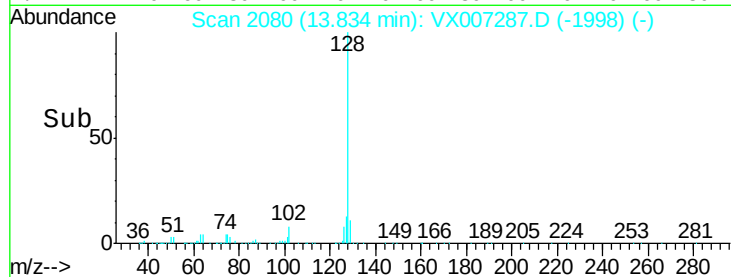


Abundance Ion 128.00 (127.70 to 128.70): V

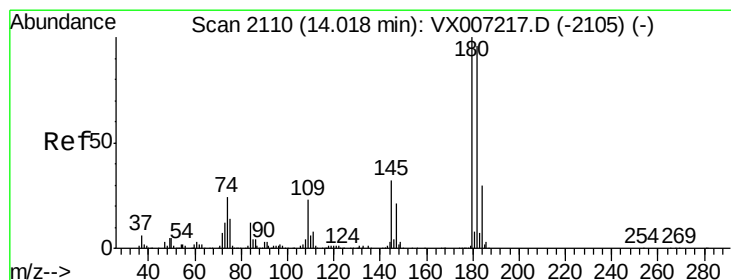
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#92

1,2,3-Trichlorobenzene

Concen: 19.709 ug/l

RT: 14.02 min Scan# 2110

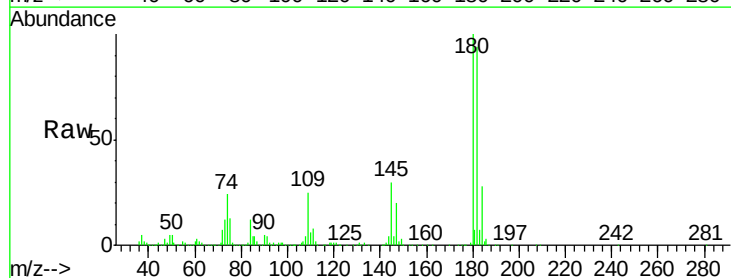
Delta R.T. -0.00 min

Lab File: VX007287.D

Acq: 29 Jan 2019 14:49

Tgt Ion:180 Resp: 143333

Ion	Ratio	Lower	Upper
180	100		
182	93.9	0.0	187.6
145	29.8	0.0	62.0

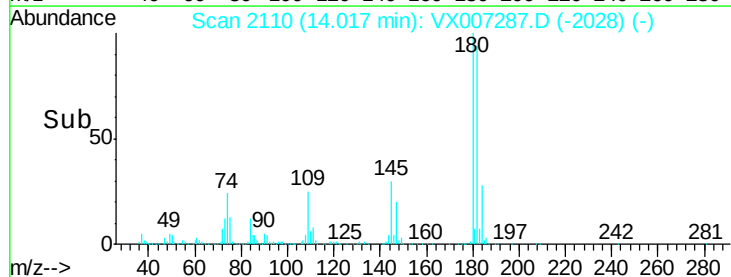


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

14.02



Time-->