

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007276.D
 Acq On : 29 Jan 2019 09:36
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 01:08:06 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	82211	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	446495	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	411649	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	164671	30.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.70%
60) 4-Bromofluorobenzene	11.13	95	200267	31.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.07%
63) Toluene-d8	8.71	98	555435	29.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	67977	18.421	ug/l 99
3) Chloromethane	1.33	50	83704	20.289	ug/l 100
4) Vinyl Chloride	1.41	62	87292	18.645	ug/l 98
5) Bromomethane	1.64	94	89221	18.284	ug/l 99
6) Chloroethane	1.73	64	57730	18.297	ug/l 100
7) Trichlorofluoromethane	1.93	101	146013	18.473	ug/l 100
8) Diethyl Ether	2.20	74	56819	19.017	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90250	19.332	ug/l 99
10) 1,1-Dichloroethene	2.38	96	80722	19.025	ug/l 99
11) Methyl Iodide	2.52	142	117845	17.119	ug/l 97
12) Methyl Acetate	2.78	43	134395	18.599	ug/l 95
13) Acrolein	2.30	56	48626	92.950	ug/l 98
14) Acrylonitrile	3.15	53	252520	93.339	ug/l 99
15) Acetone	2.45	58	76120	98.988	ug/l 88
16) Carbon Disulfide	2.57	76	175469	17.150	ug/l 97
17) Allyl chloride	2.73	41	138351	18.753	ug/l 98
18) Methylene Chloride	2.86	84	97223	19.881	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	87162	18.971	ug/l 90
20) Diisopropyl ether	3.87	45	271891	19.796	ug/l 98
21) 1,1-Dichloroethane	3.70	63	157065	20.023	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	97043	19.206	ug/l 99
23) tert-Butyl Alcohol	3.06	59	105702	92.971	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	281387	18.933	ug/l 99
25) Chloroform	5.21	83	157467	19.422	ug/l 97
26) Cyclohexane	5.57	56	126923	19.211	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	113561	19.511	ug/l 99
30) 2-Butanone	4.70	43	335479	96.461	ug/l # 98
31) 2,2-Dichloropropane	4.59	77	111972	19.041	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	129145	18.774	ug/l 99
33) Carbon Tetrachloride	5.78	117	113294	18.736	ug/l 94
34) Benzene	6.14	78	347282	19.343	ug/l 98
35) Methacrylonitrile	5.06	41	66336	18.686	ug/l 93
36) 1,2-Dichloroethane	6.20	62	120383	19.431	ug/l 99
37) Trichloroethene	7.21	130	102941	19.446	ug/l 96
38) Methylcyclohexane	7.46	83	141164	19.137	ug/l 100
39) 1,2-Dichloropropane	7.51	63	86032	19.108	ug/l 99
40) Dibromomethane	7.66	93	62953	19.410	ug/l 96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	105644	18.560	ug/l	98
42) Vinyl Acetate	3.82	43	1167296	98.992	ug/l	99
43) Ethyl Acetate	4.85	43	116078	17.887	ug/l	98
44) Isopropyl Acetate	6.46	43	187829	18.532	ug/l	98
45) 1,4-Dioxane	7.75	88	46500	378.596	ug/l	99
46) Methyl methacrylate	7.77	41	98329	18.973	ug/l	98
47) n-amyl Acetate	10.90	43	169046	18.968	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	110678	17.828	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	126374	18.324	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	96374	19.798	ug/l	96
51) Ethyl methacrylate	9.18	69	133974	19.262	ug/l	93
52) 1,3-Dichloropropane	9.37	76	150400	19.296	ug/l	99
53) Dibromochloromethane	9.58	129	90966	18.489	ug/l	98
54) 1,2-Dibromoethane	9.67	107	102102	19.484	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	374287	97.819	ug/l	100
56) Bromoform	10.85	173	66541	17.812	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	661857	96.151	ug/l	99
59) 2-Hexanone	9.49	43	516400	96.945	ug/l	99
61) Tetrachloroethene	9.34	164	115936	20.206	ug/l	99
62) Toluene	8.78	91	399297	19.271	ug/l	99
64) Chlorobenzene	10.13	112	271271	19.846	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	91874	18.976	ug/l	98
66) Ethyl Benzene	10.25	91	443825	19.770	ug/l	98
67) m/p-Xylenes	10.36	106	350090	39.488	ug/l	99
68) o-Xylene	10.69	106	166888	19.216	ug/l	97
69) Styrene	10.71	104	277124	19.779	ug/l	99
70) Isopropylbenzene	11.02	105	462581	20.119	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	139354	18.930	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	133611m	19.305	ug/l	
73) Bromobenzene	11.26	156	124146	19.508	ug/l	97
74) n-propylbenzene	11.36	91	528974	20.443	ug/l	99
75) 2-Chlorotoluene	11.42	91	310316	20.223	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	382817	19.949	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	33873	16.845	ug/l	96
78) 4-Chlorotoluene	11.51	91	355258	19.884	ug/l	99
79) tert-butylbenzene	12.06	119	421241	20.289	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	397994	20.483	ug/l	98
81) sec-Butylbenzene	11.94	105	472180	20.406	ug/l	100
82) p-Isopropyltoluene	12.06	119	421241	20.289	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	227009	20.067	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	227244	20.078	ug/l	99
85) n-Butylbenzene	12.39	91	352539	19.785	ug/l	100
86) Hexachloroethane	12.60	117	59762	18.617	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	223441	19.837	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	27307	18.199	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	153264	19.820	ug/l	99
90) Hexachlorobutadiene	13.78	225	76339	20.699	ug/l	99
91) Naphthalene	13.83	128	456015	19.481	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	154814	20.191	ug/l	99

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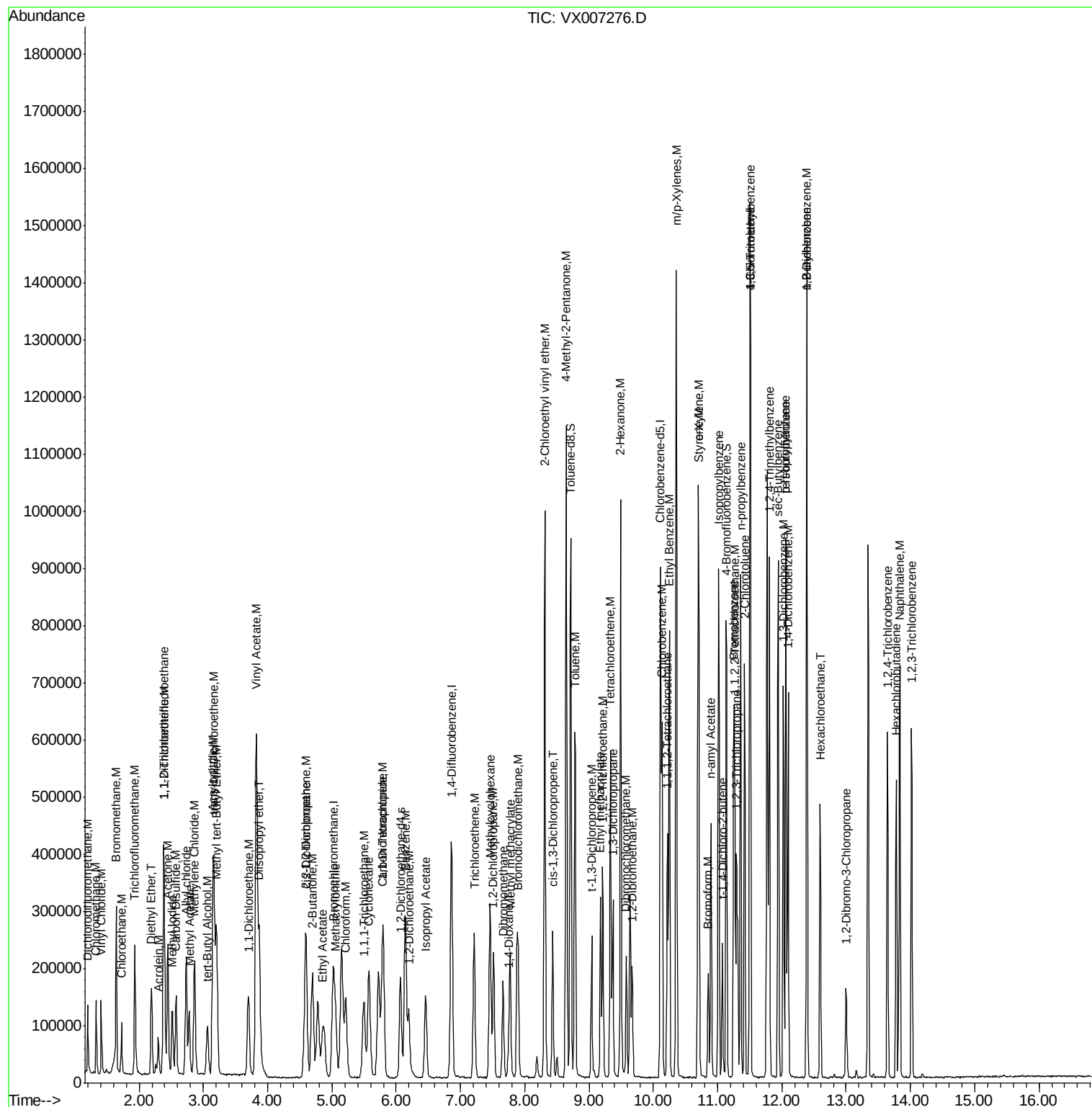
Quant Time: Jan 30 01:08:06 2019
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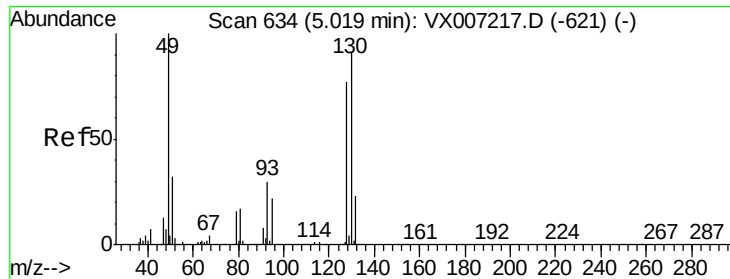
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

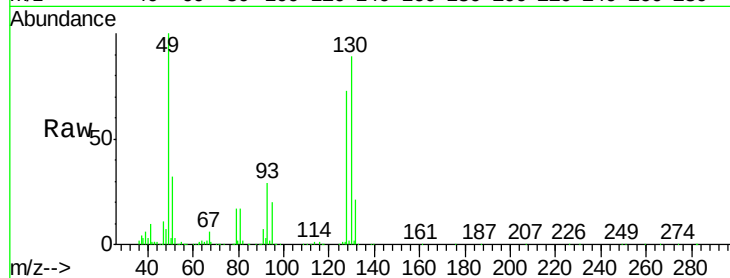
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion:128 Resp: 82211

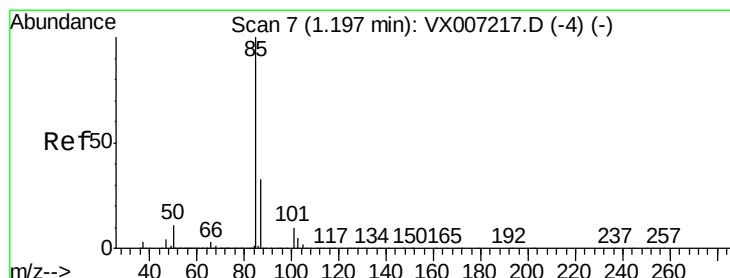
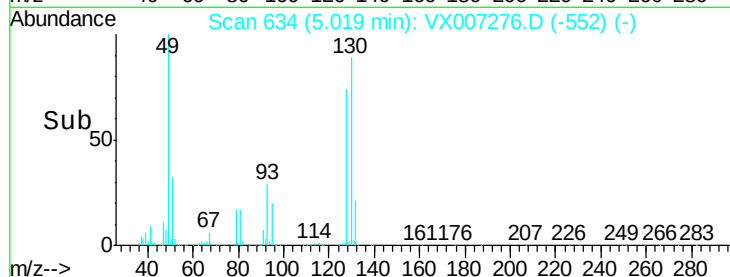
Ion	Ratio	Lower	Upper
128	100		
49	140.2	0.0	345.5
130	128.3	0.0	320.0



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: 18.421 ug/l

RT: 1.20 min Scan# 8

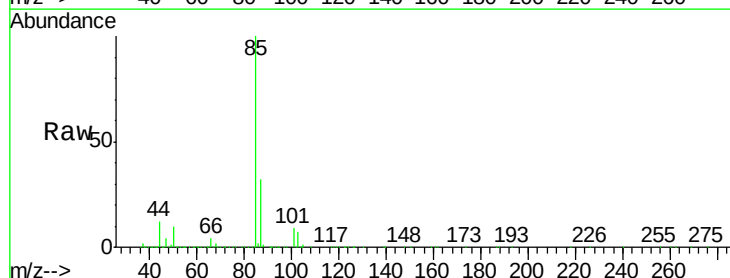
Delta R.T. 0.01 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

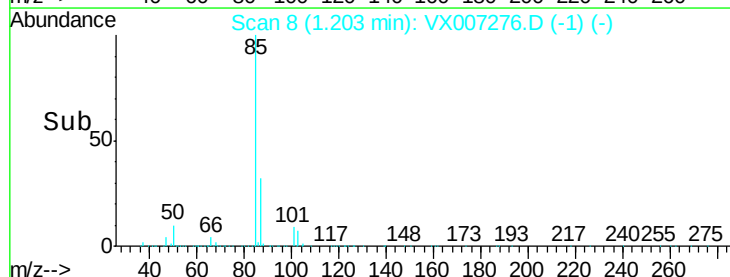
Tgt Ion: 85 Resp: 67977

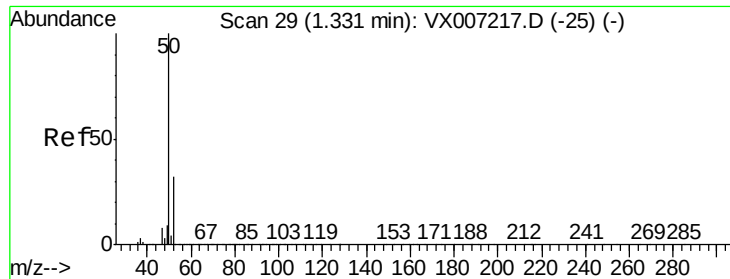
Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.289 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007276.D

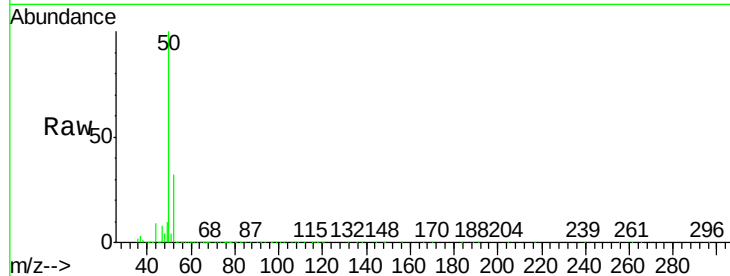
Acq: 29 Jan 2019 09:36

Tot Ion: 50 Resp: 83704

Ion Ratio Lower Upper

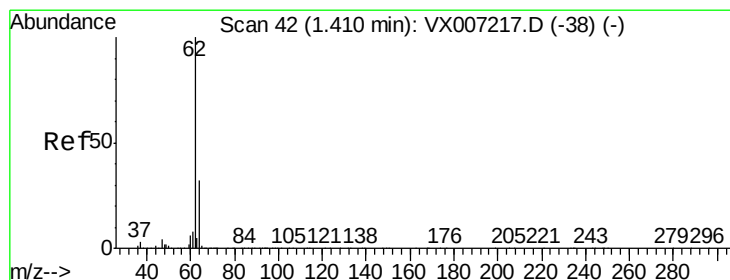
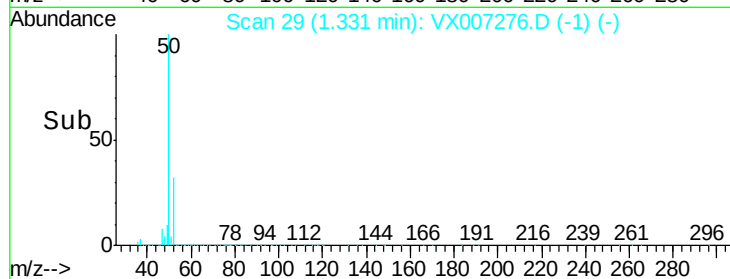
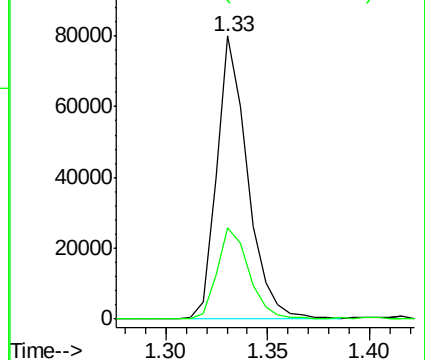
50 100

52 32.1 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: 18.645 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007276.D

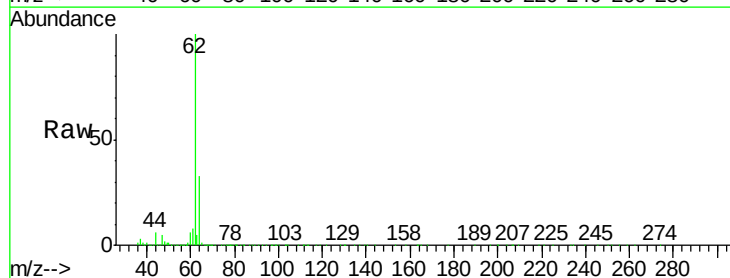
Acq: 29 Jan 2019 09:36

Tgt Ion: 62 Resp: 87292

Ion Ratio Lower Upper

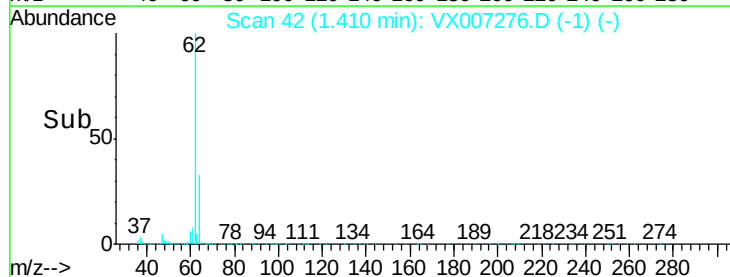
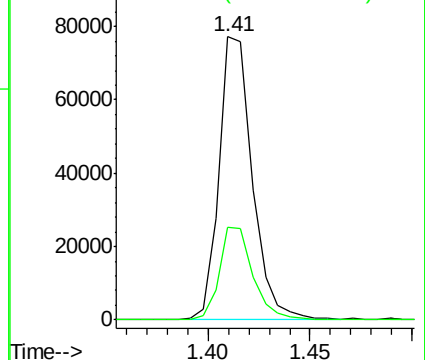
62 100

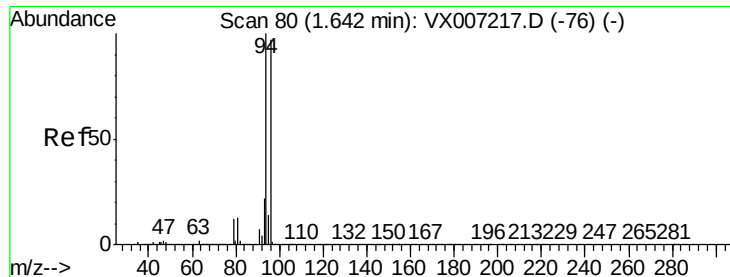
64 32.8 25.5 38.3



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.284 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007276.D

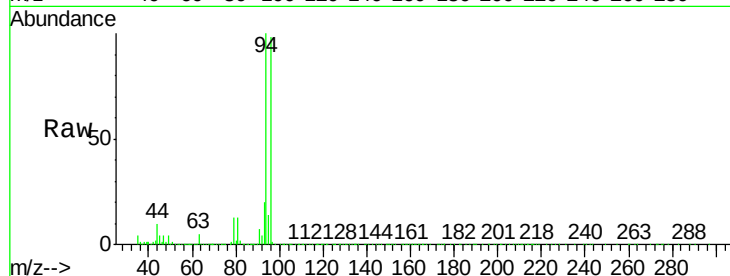
Acq: 29 Jan 2019 09:36

Tot Ion: 94 Resp: 89221

Ion Ratio Lower Upper

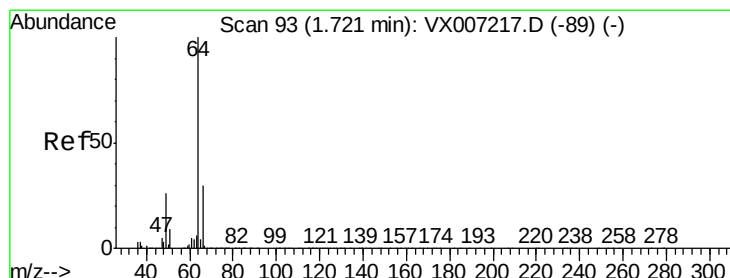
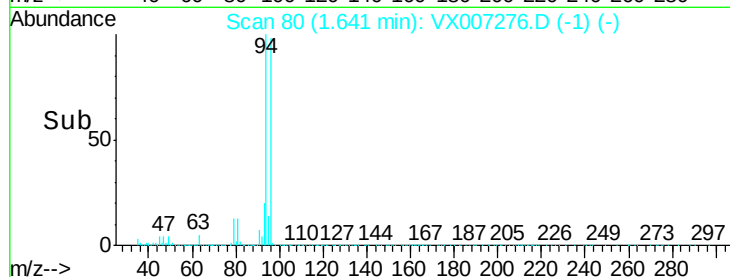
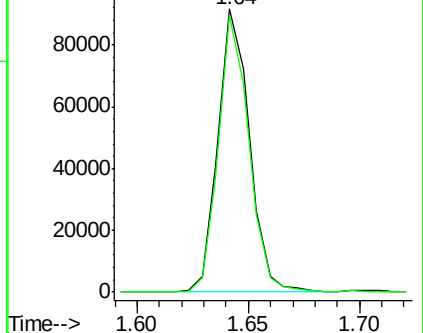
94 100

96 97.7 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: 18.297 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007276.D

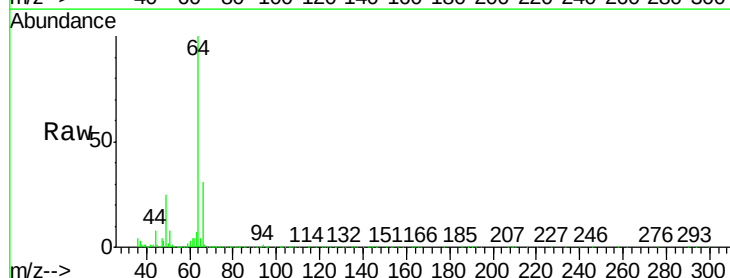
Acq: 29 Jan 2019 09:36

Tgt Ion: 64 Resp: 57730

Ion Ratio Lower Upper

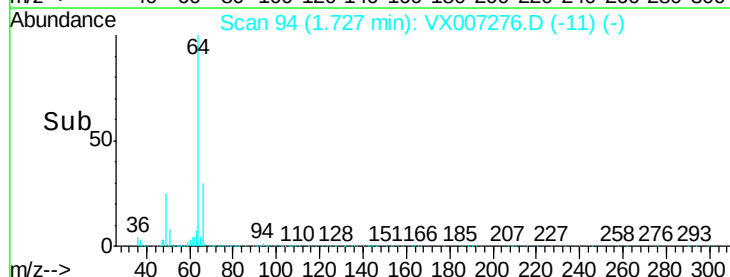
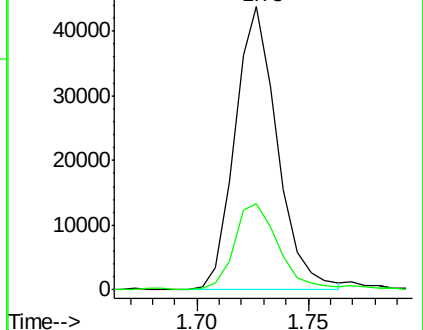
64 100

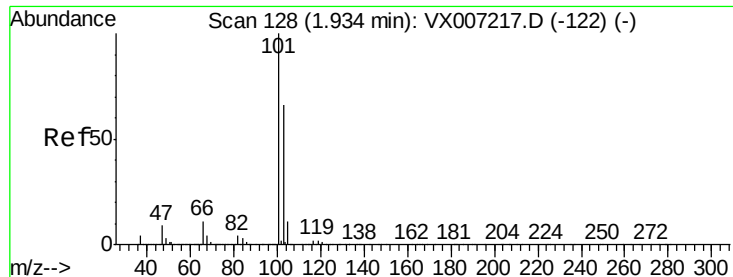
66 30.1 24.2 36.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

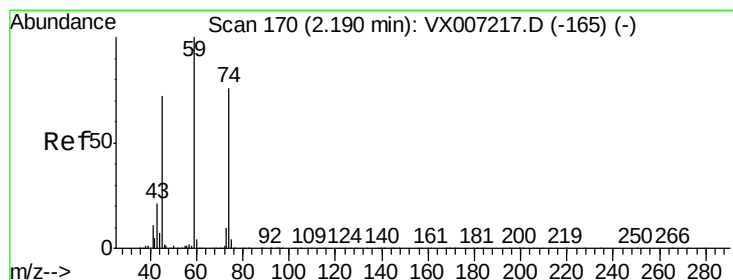
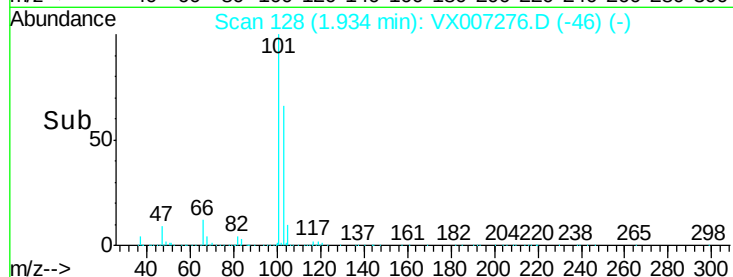
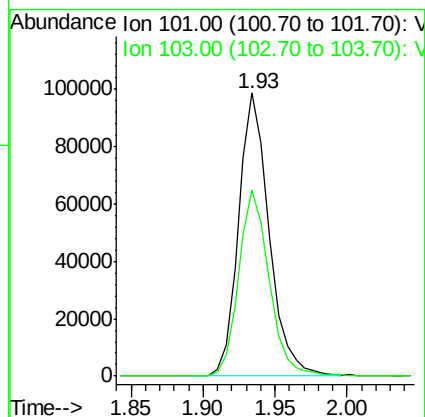
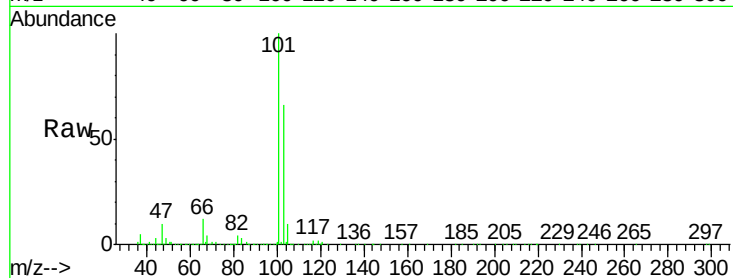




#7

Trichlorofluoromethane
Concen: 18.473 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

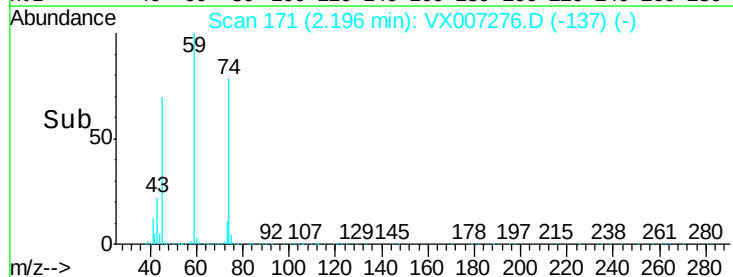
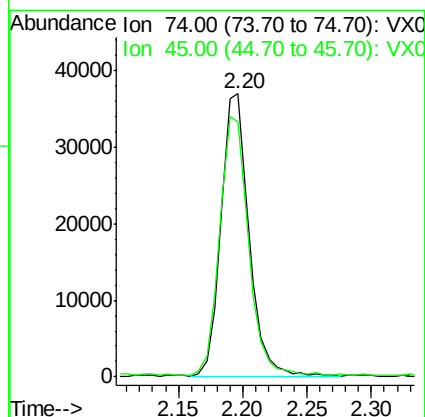
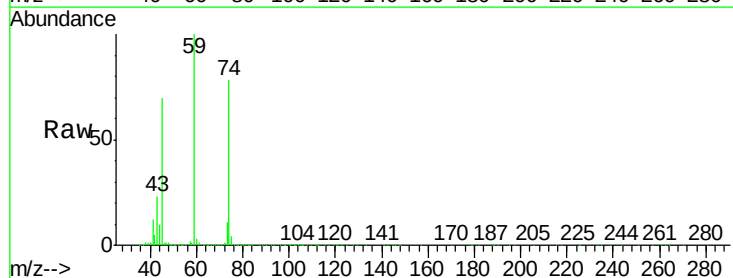
Tot Ion:101 Resp: 146013
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

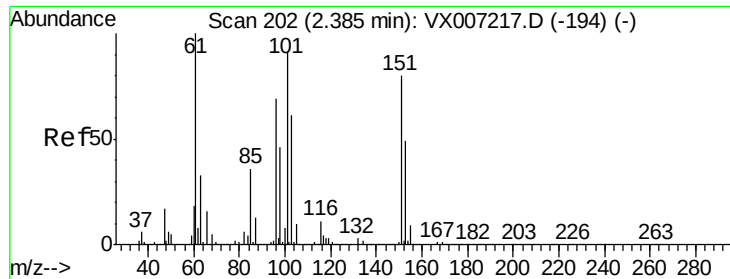


#8

Diethyl Ether
Concen: 19.017 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

Tgt Ion: 74 Resp: 56819
Ion Ratio Lower Upper
74 100
45 94.2 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.332 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

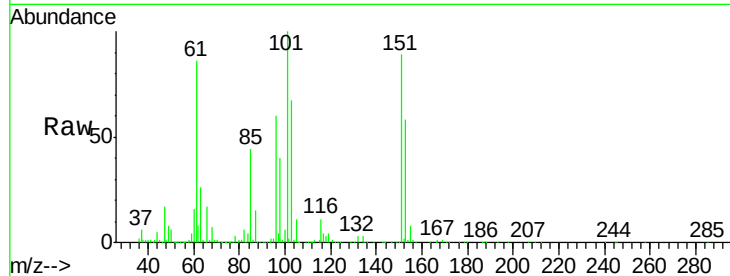
Tot Ion:101 Resp: 90250

Ion Ratio Lower Upper

101 100

85 44.4 0.0 87.4

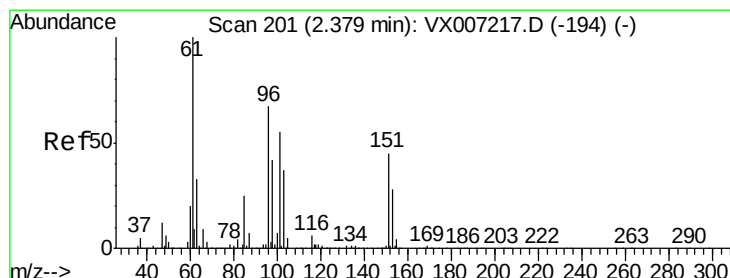
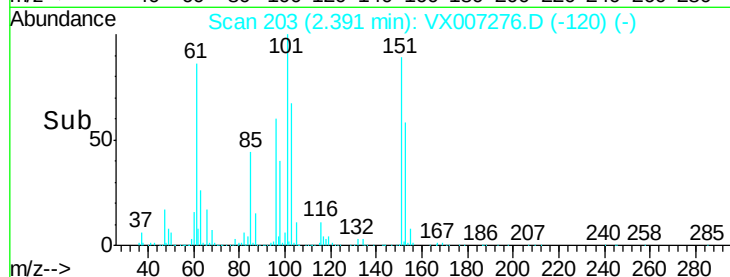
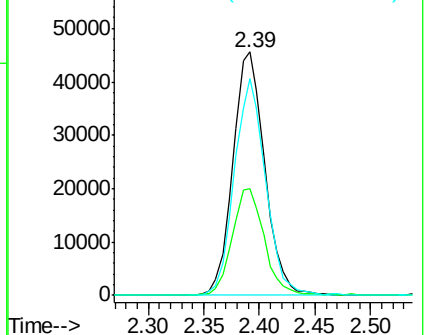
151 87.3 0.0 176.4



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: 19.025 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

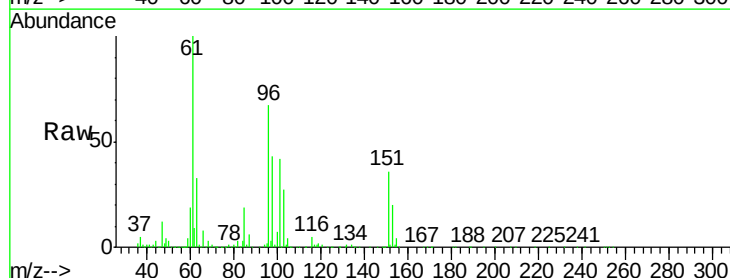
Tgt Ion: 96 Resp: 80722

Ion Ratio Lower Upper

96 100

61 148.4 119.6 179.4

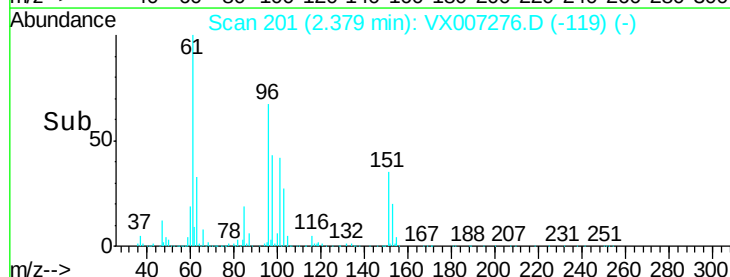
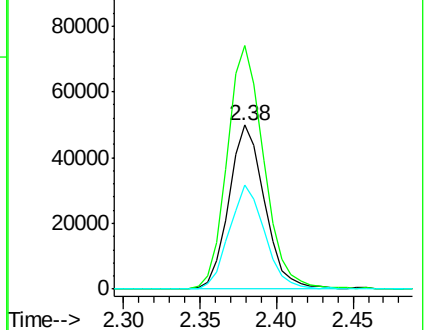
98 63.0 50.9 76.3

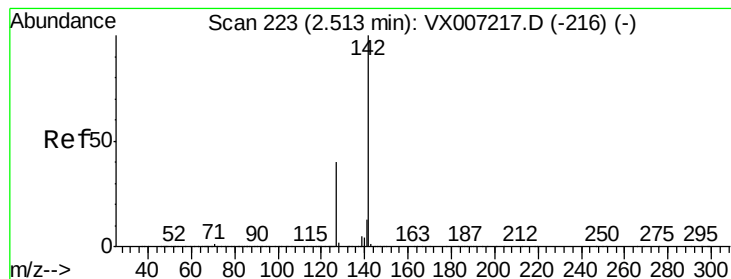


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 17.119 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

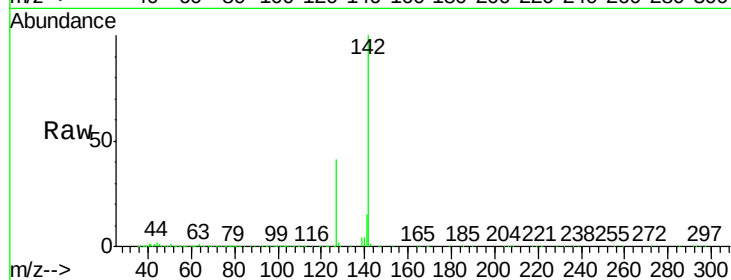
Tot Ion:142 Resp: 117845

Ion Ratio Lower Upper

142 100

127 41.3 20.0 59.9

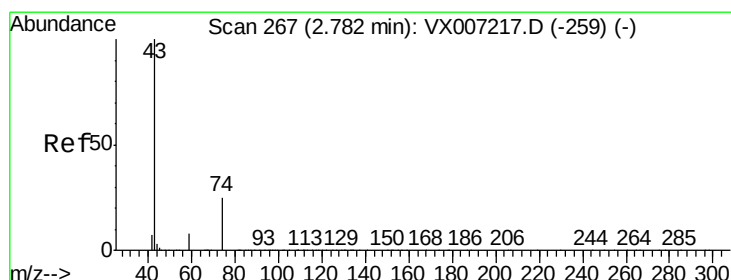
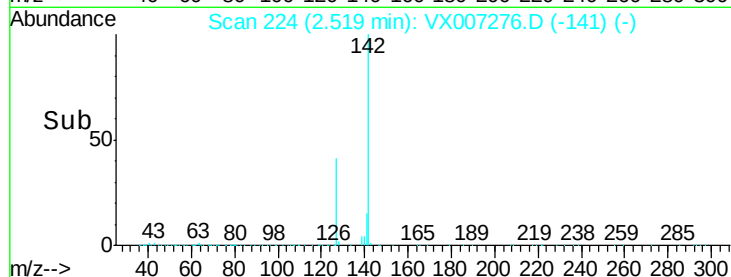
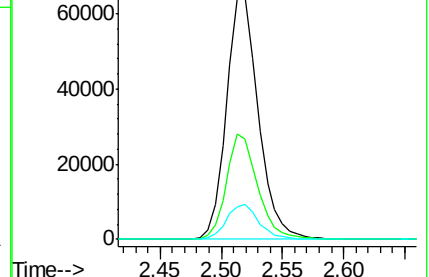
141 14.5 6.3 19.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 18.599 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007276.D

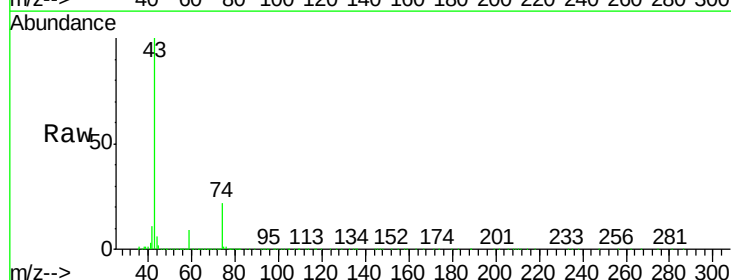
Acq: 29 Jan 2019 09:36

Tgt Ion: 43 Resp: 134395

Ion Ratio Lower Upper

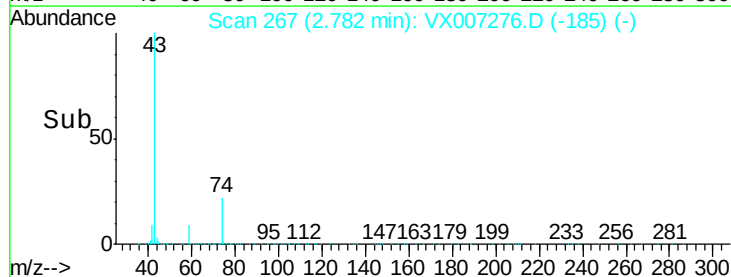
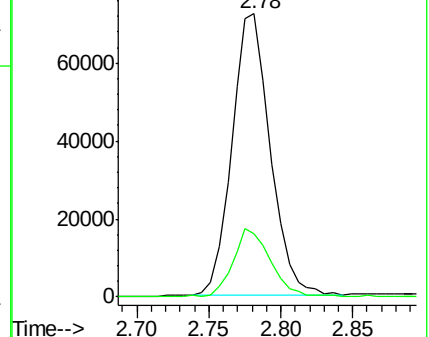
43 100

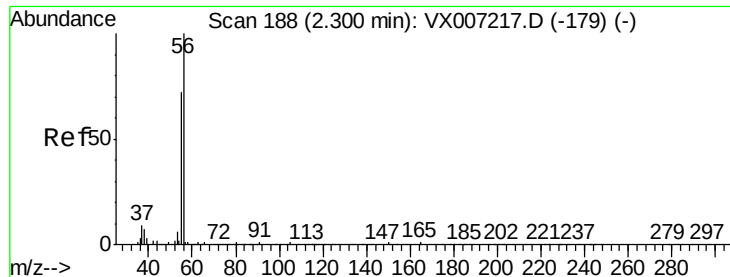
74 22.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 92.950 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007276.D

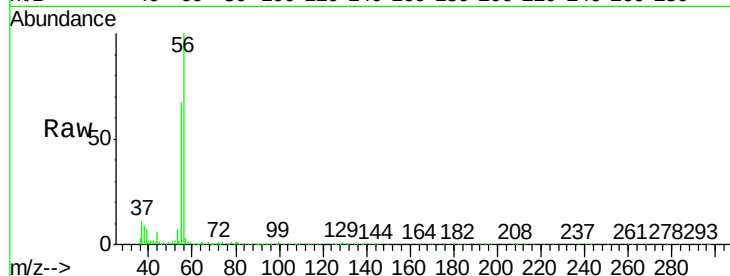
Acq: 29 Jan 2019 09:36

Tot Ion: 56 Resp: 48626

Ion Ratio Lower Upper

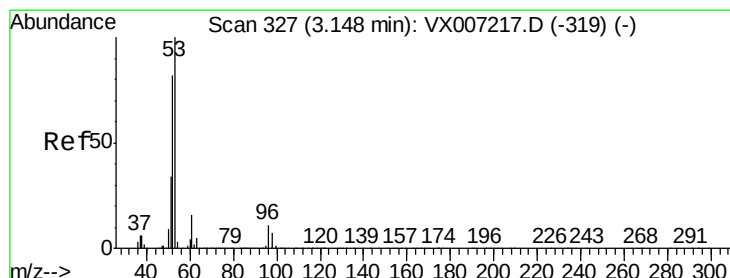
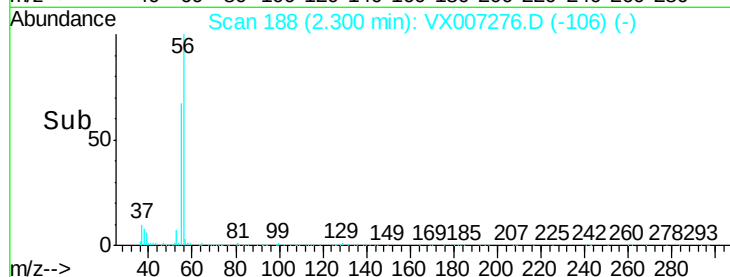
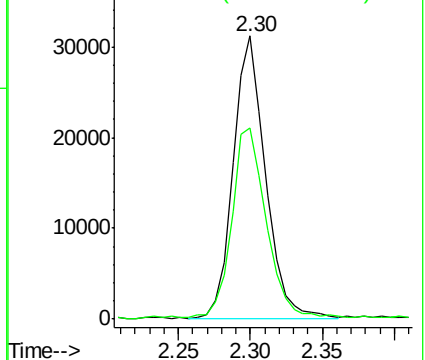
56 100

55 71.4 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 93.339 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

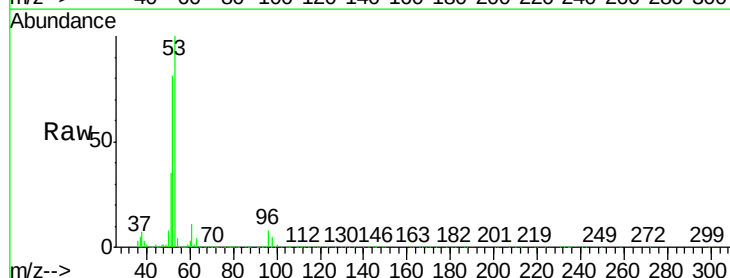
Tgt Ion: 53 Resp: 252520

Ion Ratio Lower Upper

53 100

52 81.9 41.3 124.1

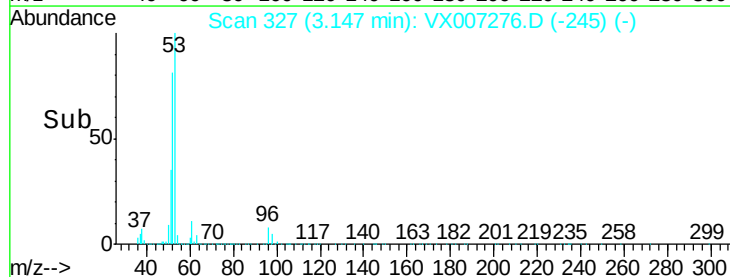
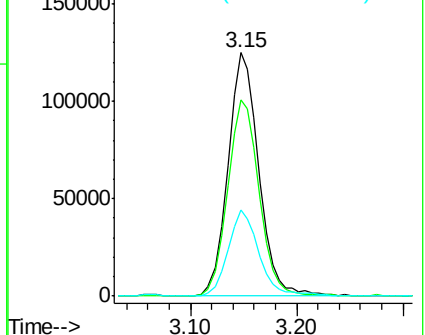
51 35.4 17.9 53.8

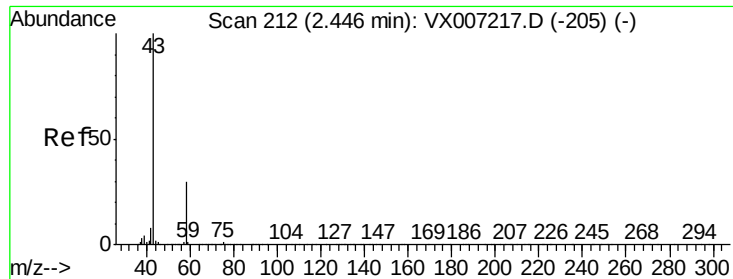


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 98.988 ug/l

RT: 2.45 min Scan# 212

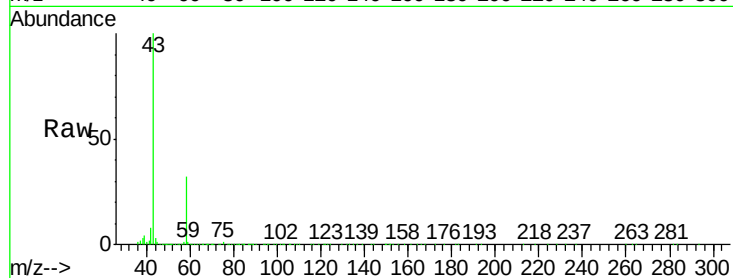
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

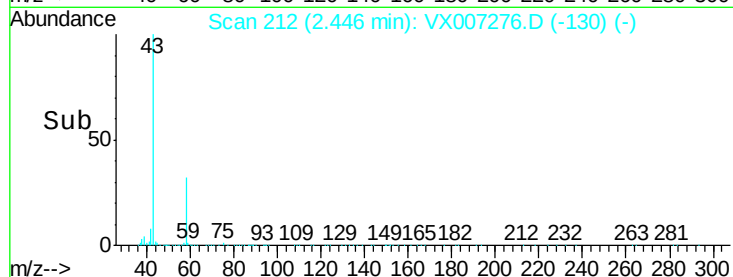
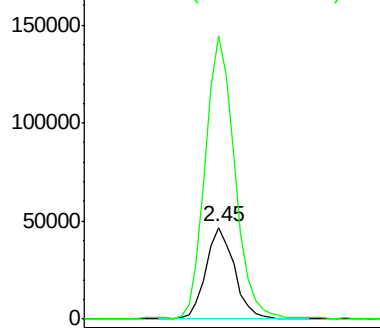
Tot Ion: 58 Resp: 76120

Ion	Ratio	Lower	Upper
58	100		
43	307.9	265.9	398.9

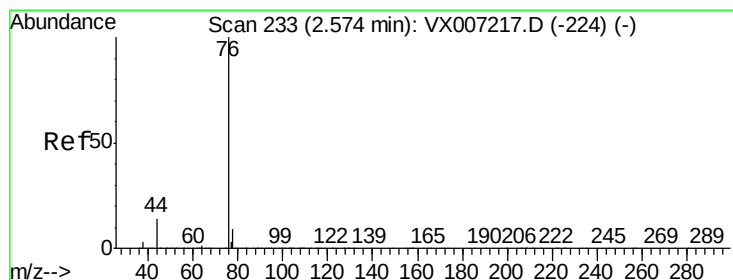


Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



Time--> 2.35 2.40 2.45 2.50 2.55



#16

Carbon Disulfide

Concen: 17.150 ug/l

RT: 2.57 min Scan# 233

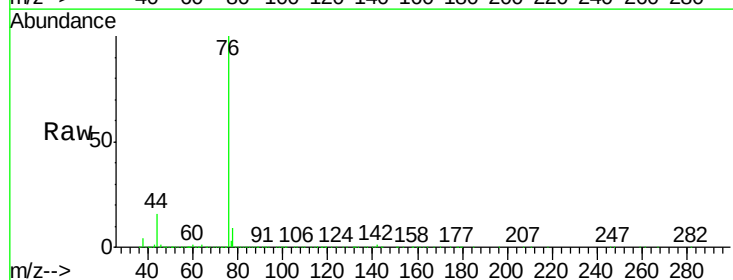
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

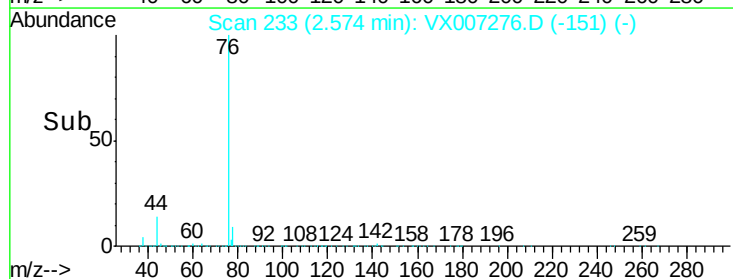
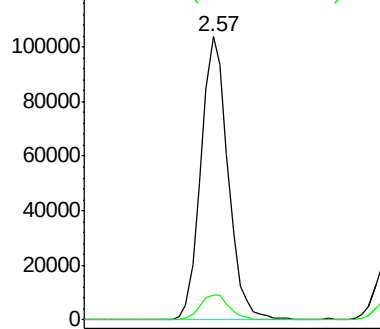
Tgt Ion: 76 Resp: 175469

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.7	11.5

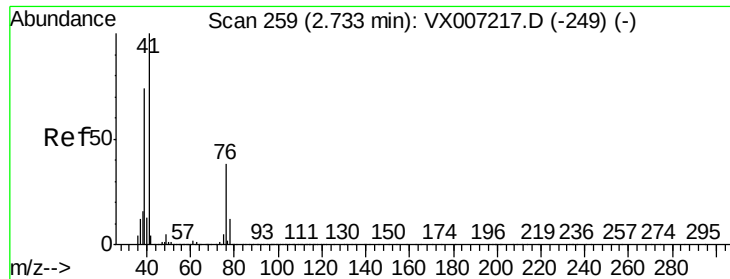


Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



Time--> 2.50 2.55 2.60 2.65 2.70



#17

Allvl chloride

Concen: 18.753 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

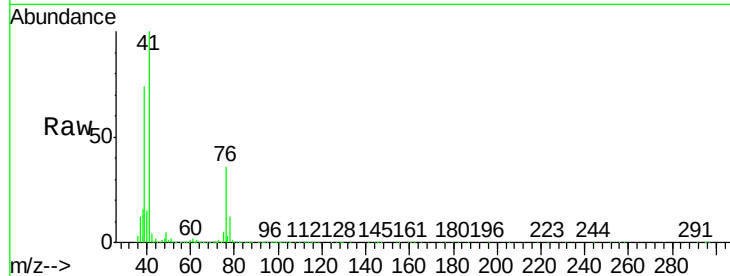
Tot Ion: 41 Resp: 138351

Ion Ratio Lower Upper

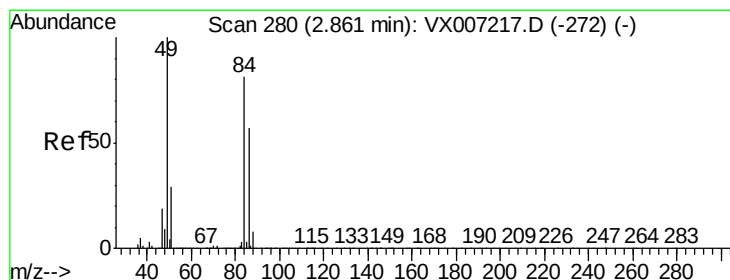
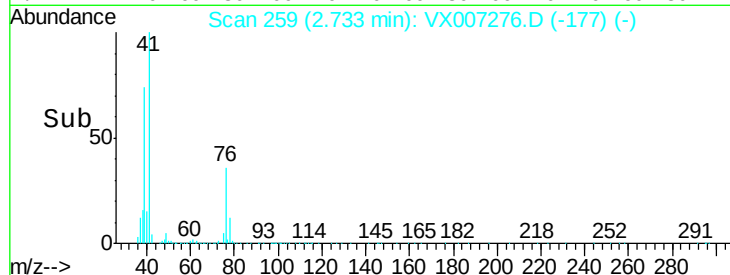
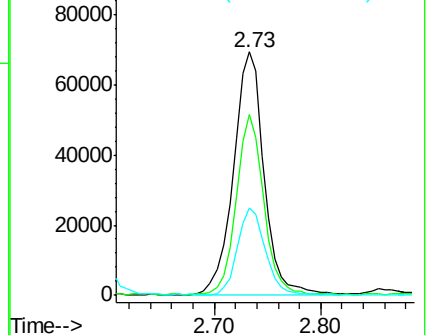
41 100

39 74.4 37.0 111.0

76 35.9 19.3 57.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.881 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion: 84 Resp: 97223

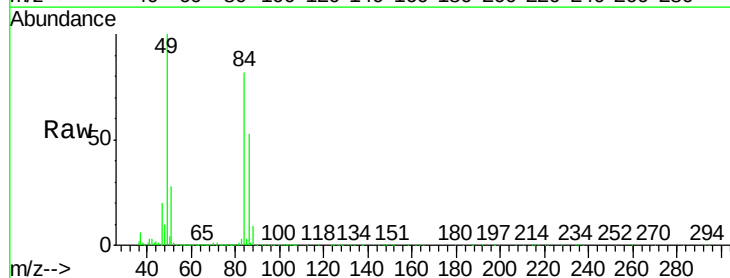
Ion Ratio Lower Upper

84 100

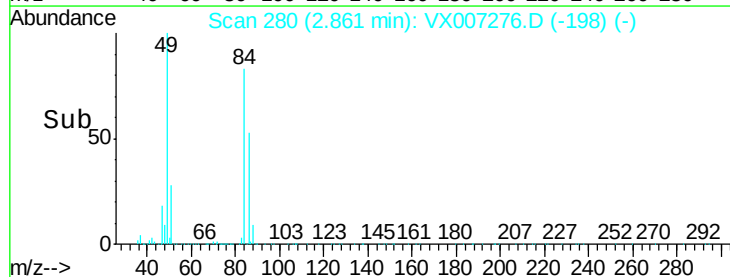
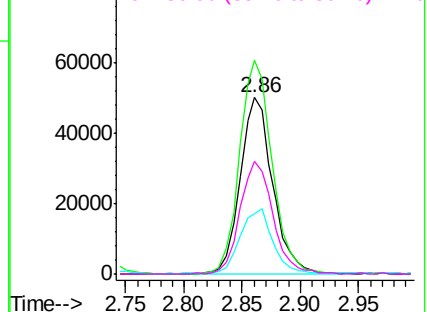
49 121.3 98.4 147.6

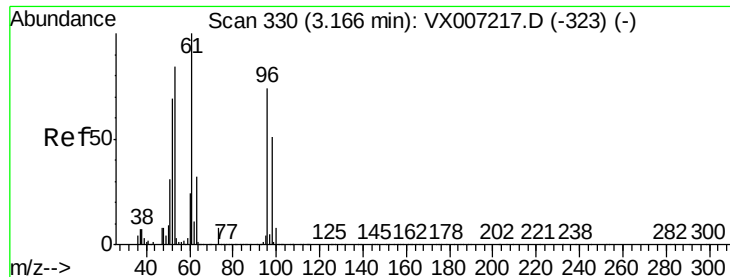
51 33.7 28.9 43.3

86 63.7 56.1 84.1



Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 18.971 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

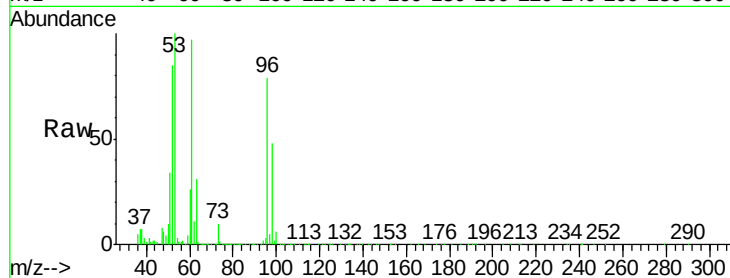
Tot Ion: 96 Resp: 87162

Ion Ratio Lower Upper

96 100

61 123.2 107.8 161.6

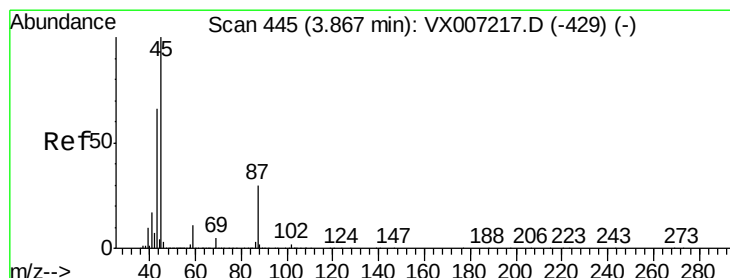
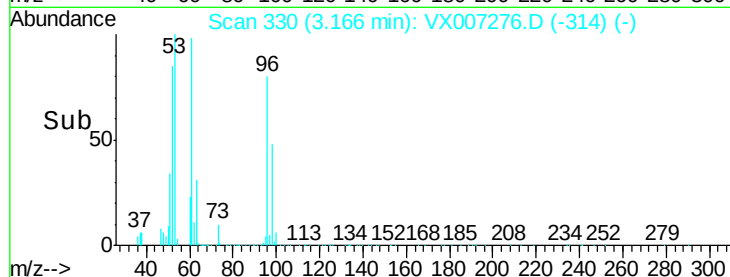
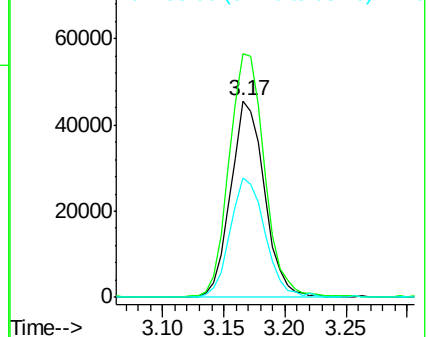
98 60.6 54.9 82.3



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



#20

Diisopropyl ether

Concen: 19.796 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion: 45 Resp: 271891

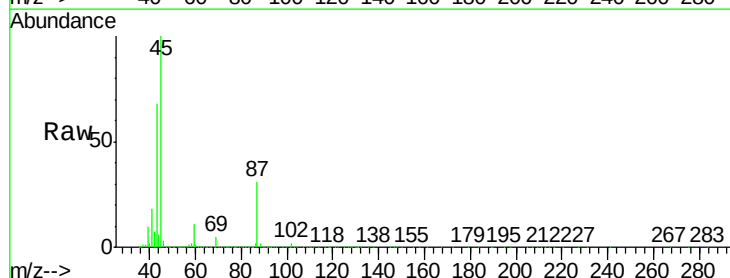
Ion Ratio Lower Upper

45 100

43 67.6 53.1 79.7

87 30.6 23.7 35.5

59 11.3 9.0 13.4

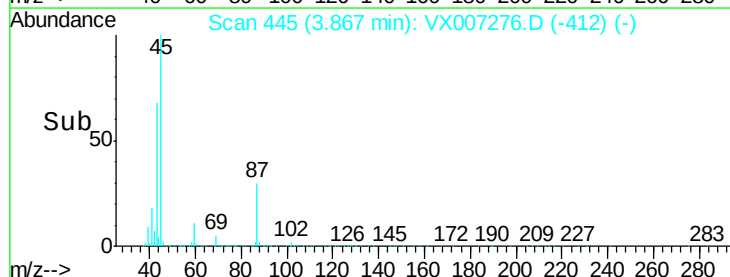
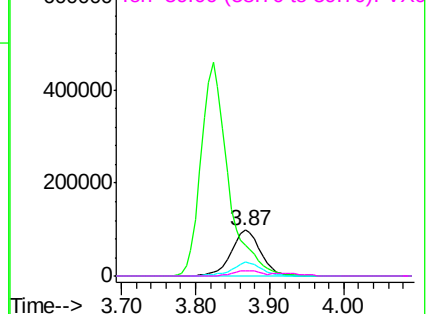


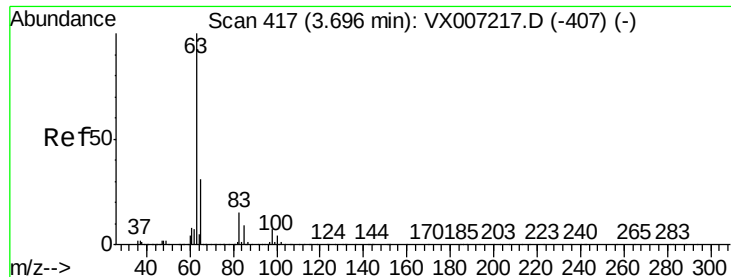
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

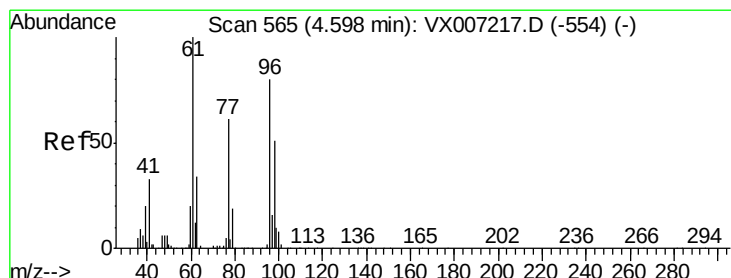
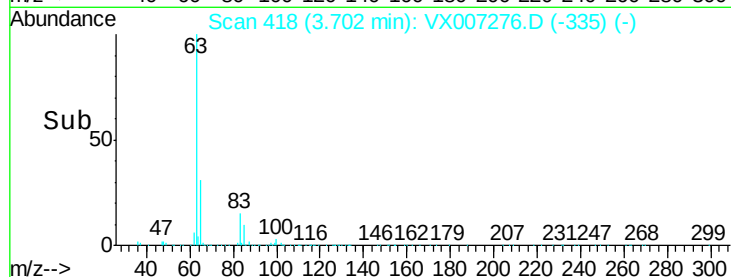
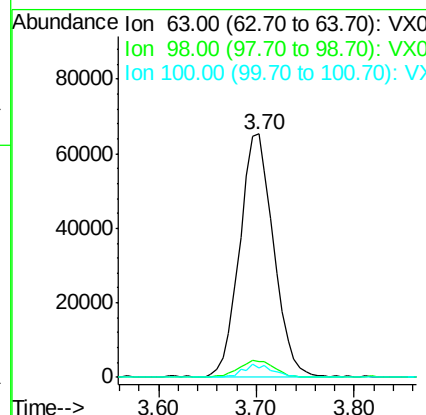
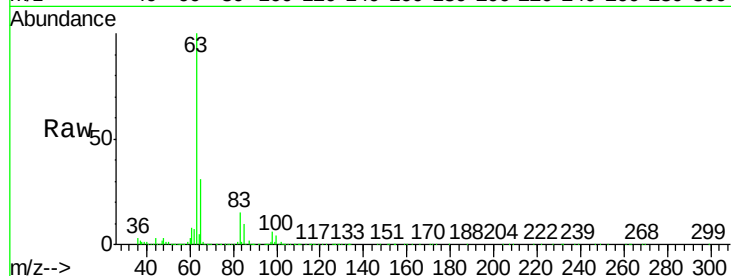
Ion 59.00 (58.70 to 59.70): VX0





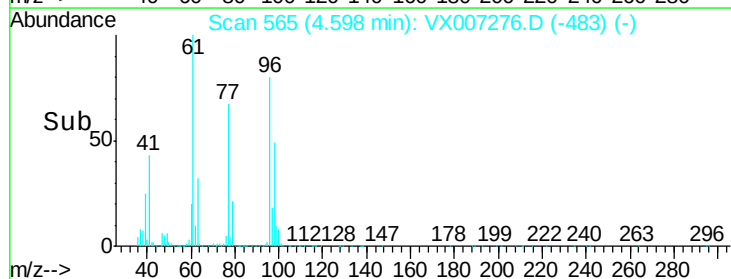
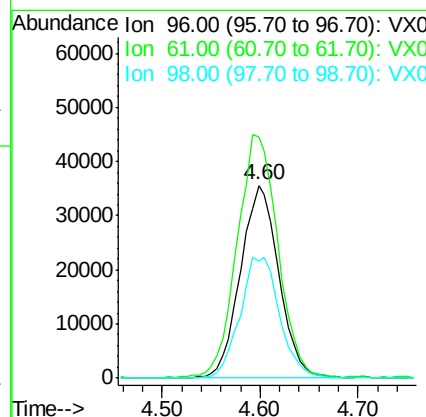
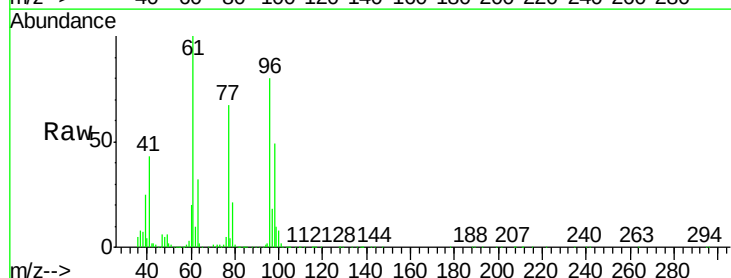
#21
1,1-Dichloroethane
Concen: 20.023 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

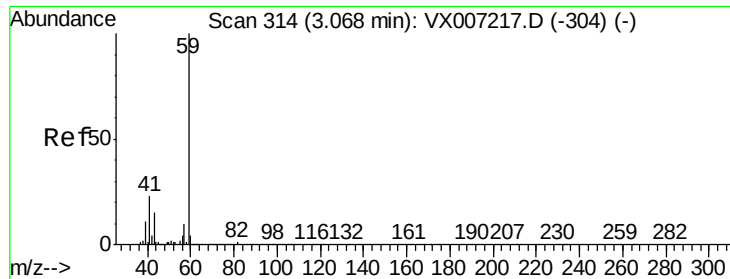
Tot Ion:	63	Resp:	157065
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.3	9.9
100	3.9	2.1	6.2



#22
cis-1,2-Dichloroethene
Concen: 19.206 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

Tgt Ion:	96	Resp:	97043
Ion	Ratio	Lower	Upper
96	100		
61	134.2	108.1	162.1
98	64.7	51.9	77.9





#23

tert-Butyl Alcohol

Concen: 92.971 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007276.D

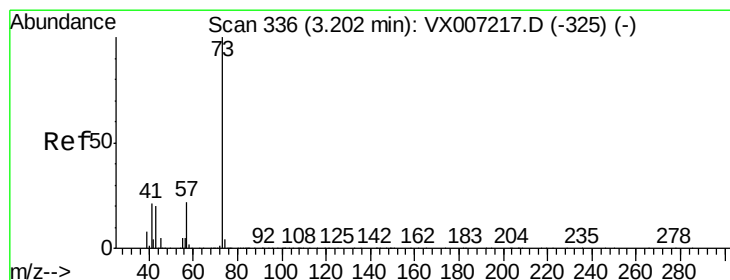
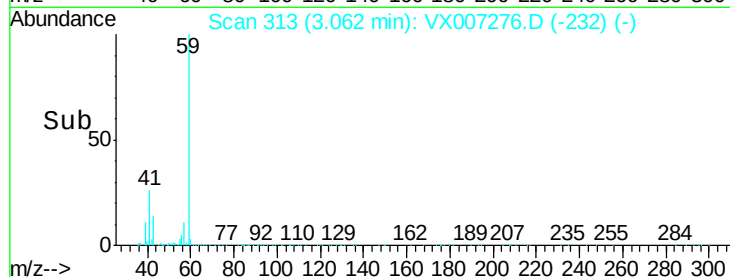
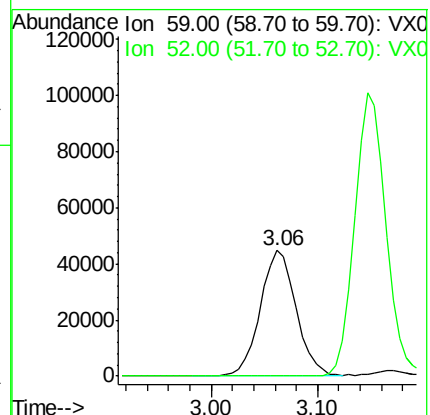
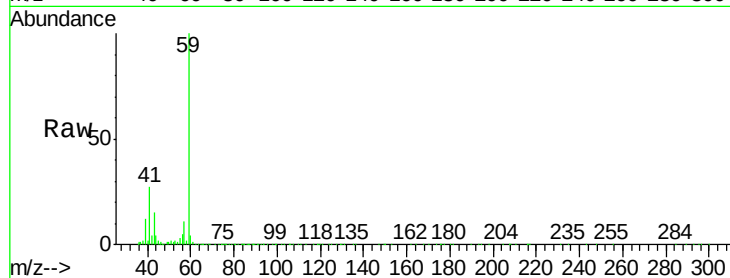
Acq: 29 Jan 2019 09:36

Tot Ion: 59 Resp: 105702

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2



#24

Methyl tert-Butyl Ether

Concen: 18.933 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX007276.D

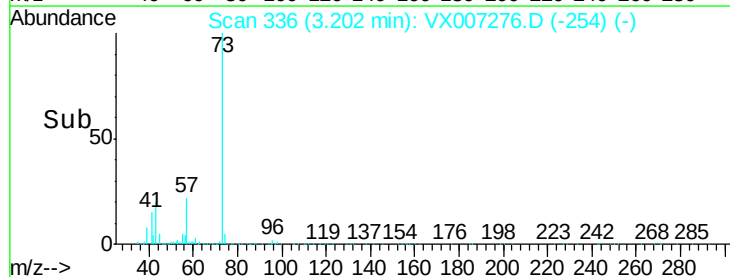
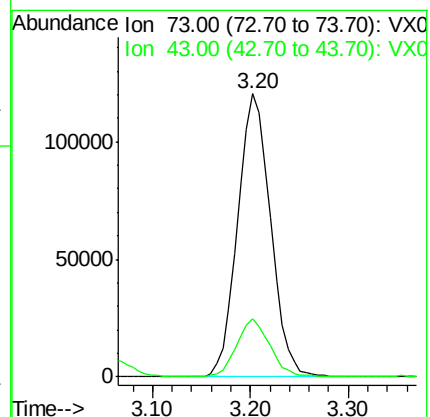
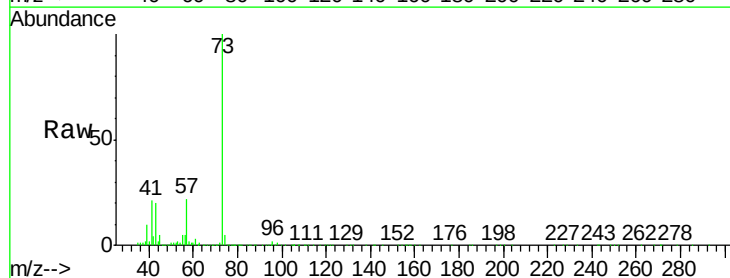
Acq: 29 Jan 2019 09:36

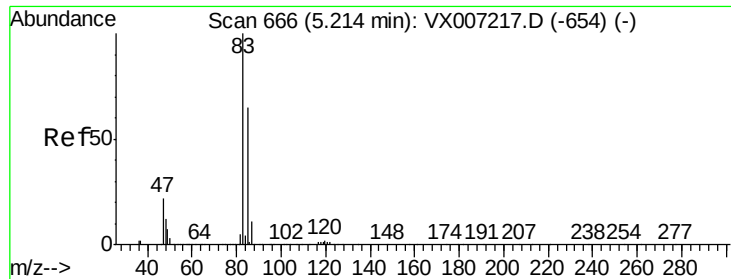
Tgt Ion: 73 Resp: 281387

Ion Ratio Lower Upper

73 100

43 20.0 16.2 24.4





#25

Chloroform

Concen: 19.422 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007276.D

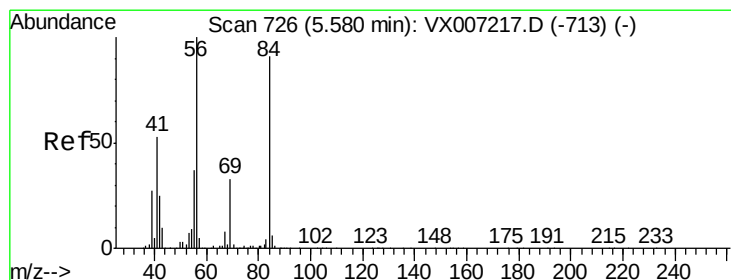
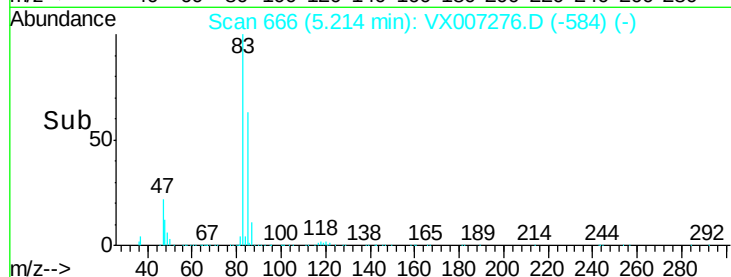
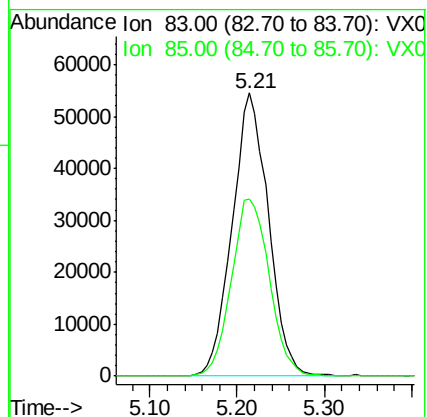
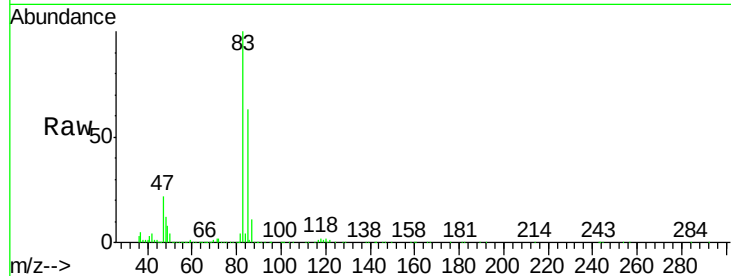
Acq: 29 Jan 2019 09:36

Tot Ion: 83 Resp: 157467

Ion Ratio Lower Upper

83 100

85 62.6 51.9 77.9



#26

Cyclohexane

Concen: 19.211 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

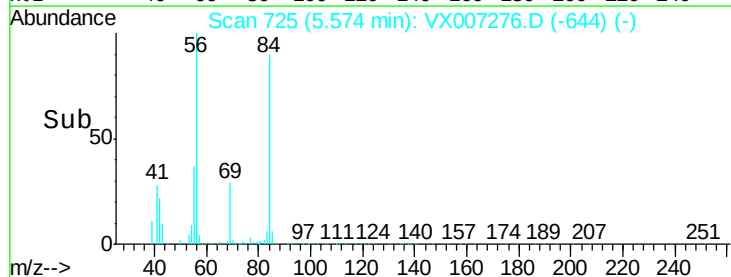
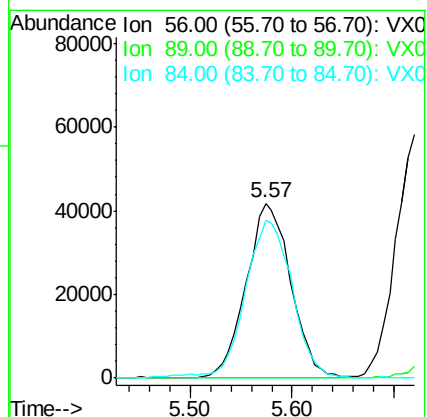
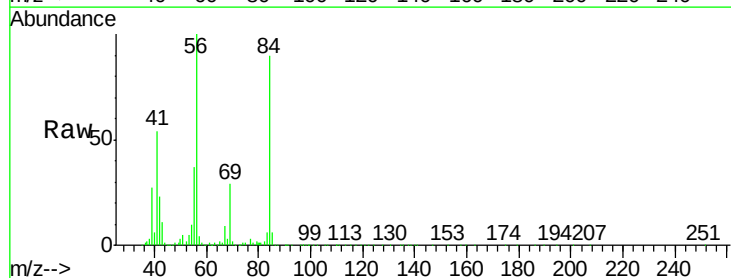
Tgt Ion: 56 Resp: 126923

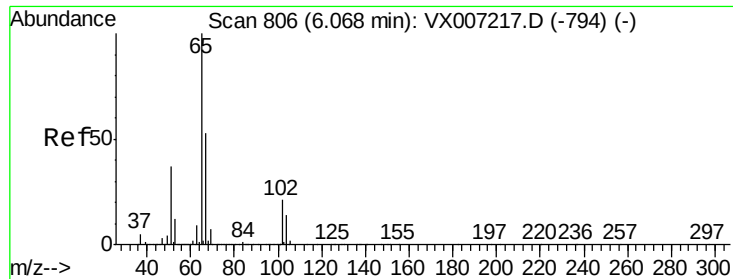
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 93.9 74.2 111.2





#27

1,2-Dichloroethane-d4

Concen: 30.514 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007276.D

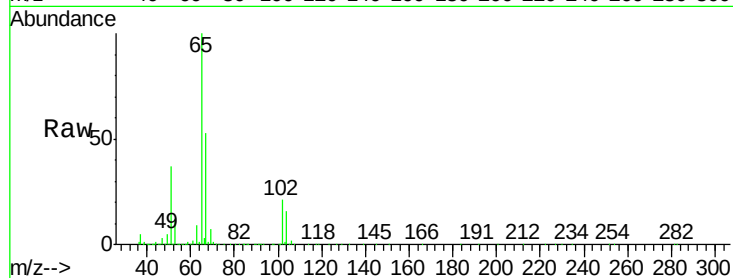
Acq: 29 Jan 2019 09:36

Tot Ion: 65 Resp: 164671

Ion Ratio Lower Upper

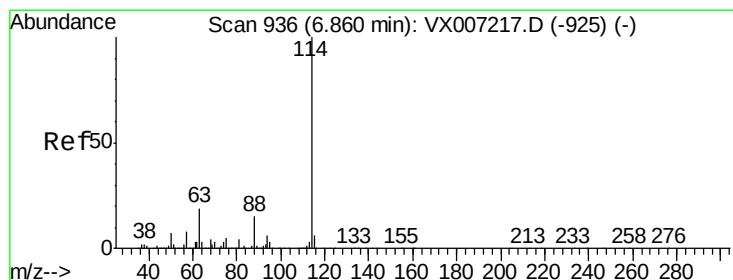
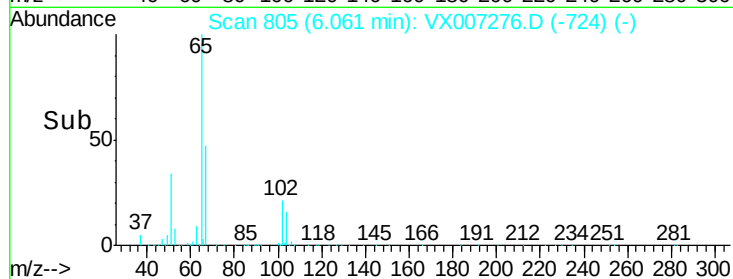
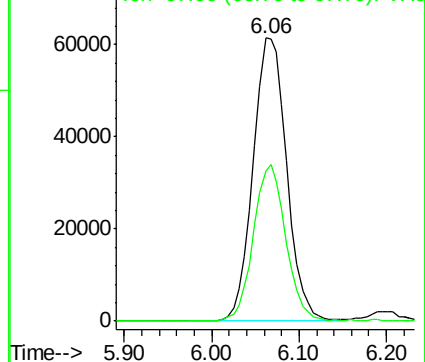
65 100

67 52.9 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

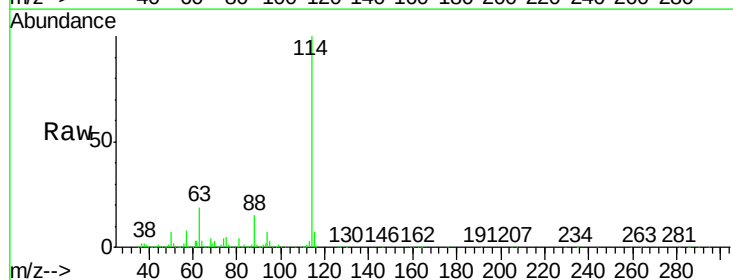
Tgt Ion: 114 Resp: 446495

Ion Ratio Lower Upper

114 100

63 17.6 14.6 21.8

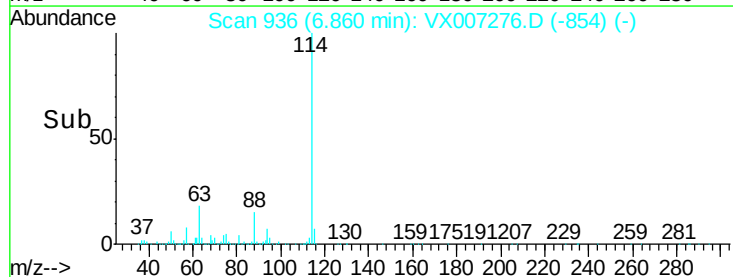
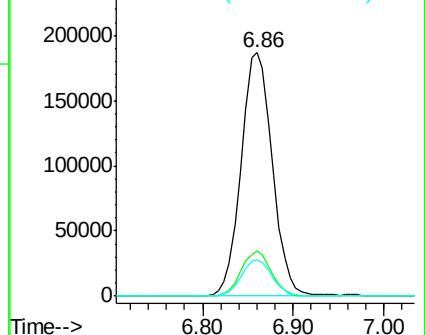
88 14.7 11.8 17.6

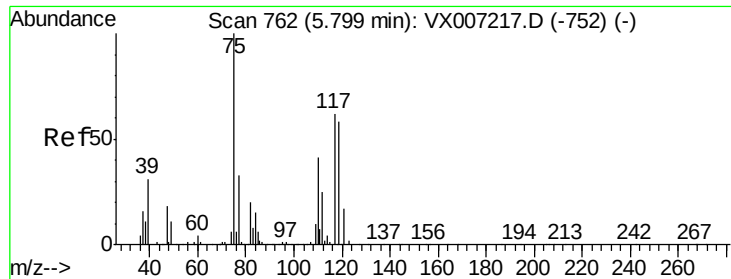


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.511 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

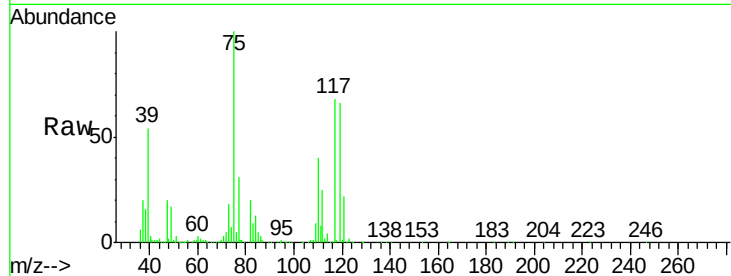
Tot Ion: 75 Resp: 113561

Ion	Ratio	Lower	Upper
75	100		
110	38.2	0.0	78.8
77	30.9	0.0	61.8

75 100

110 38.2 0.0 78.8

77 30.9 0.0 61.8

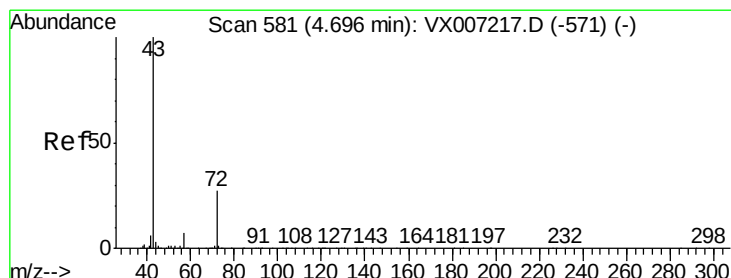
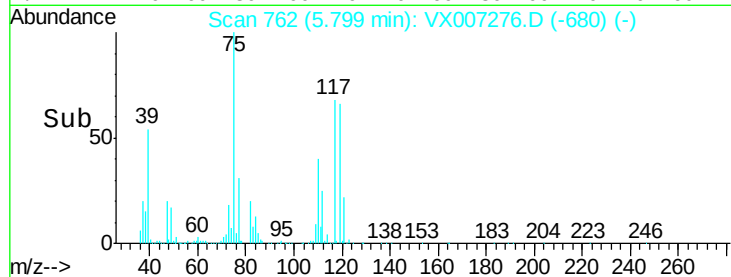


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0

Time-->



#30

2-Butanone

Concen: 96.461 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

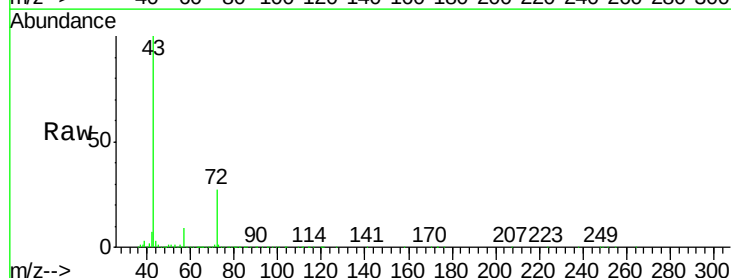
Tgt Ion: 43 Resp: 335479

Ion	Ratio	Lower	Upper
43	100		
57	8.3	3.3	4.9#
72	27.3	22.0	33.0

43 100

57 8.3 3.3 4.9#

72 27.3 22.0 33.0

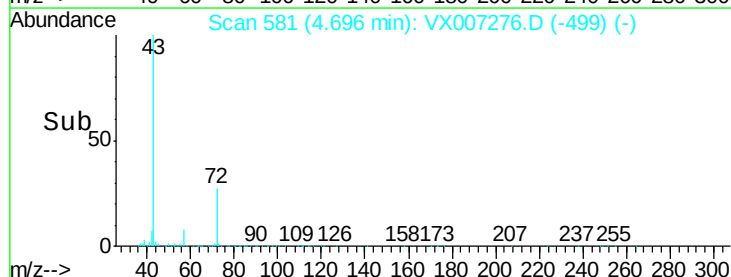


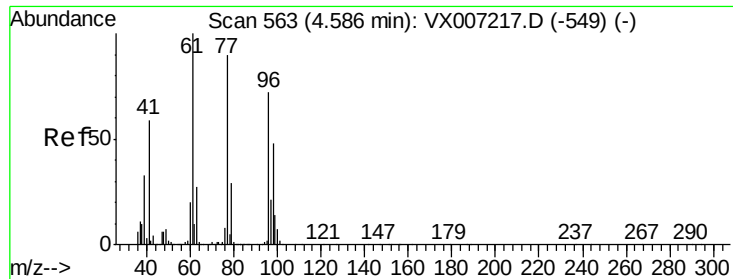
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

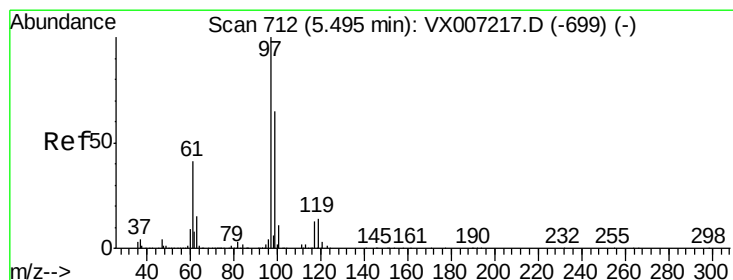
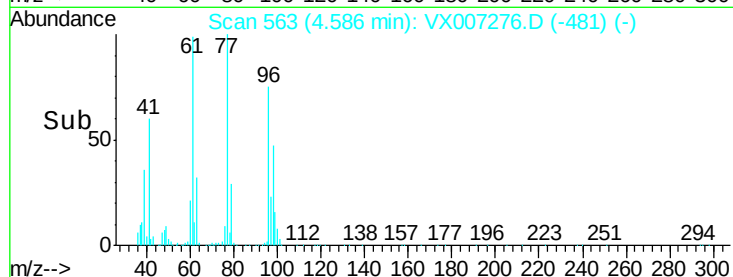
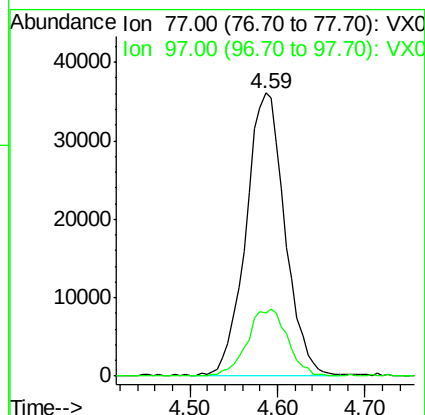
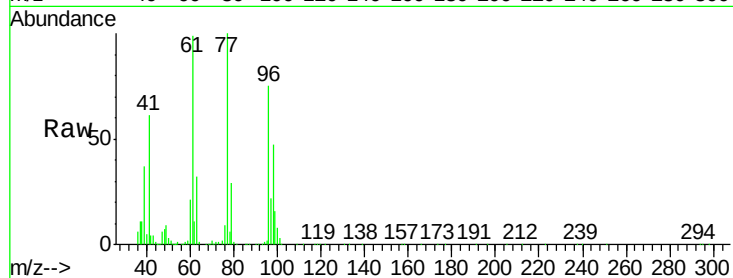
Time-->





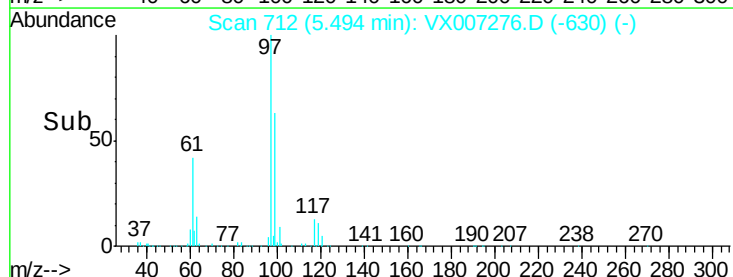
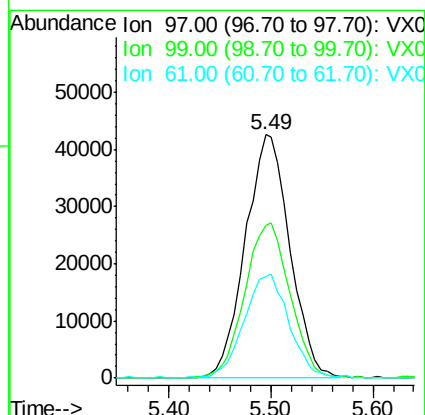
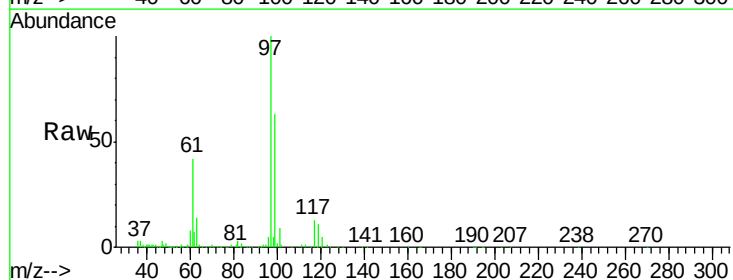
#31
 2,2-Dichloropropane
 Concen: 19.041 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

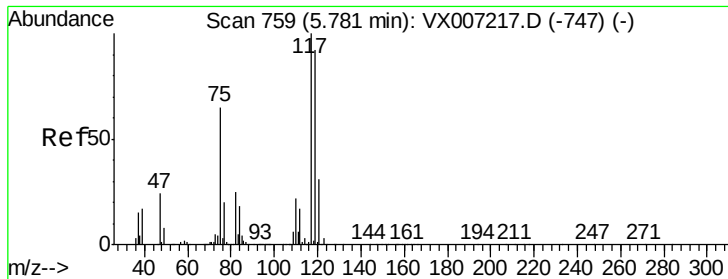
Tot Ion: 77 Resp: 111972
 Ion Ratio Lower Upper
 77 100
 97 24.4 19.8 29.8



#32
 1,1,1-Trichloroethane
 Concen: 18.774 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

Tgt Ion: 97 Resp: 129145
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.9 77.9
 61 43.0 33.6 50.4





#33

Carbon Tetrachloride

Concen: 18.736 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

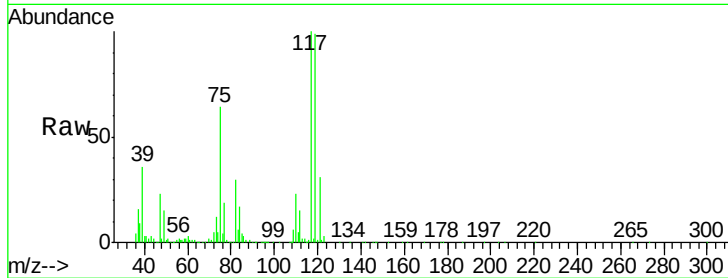
Tot Ion:117 Resp: 113294

Ion	Ratio	Lower	Upper
117	100		
119	99.0	73.5	110.3
121	30.8	24.6	37.0

117 100

119 99.0 73.5 110.3

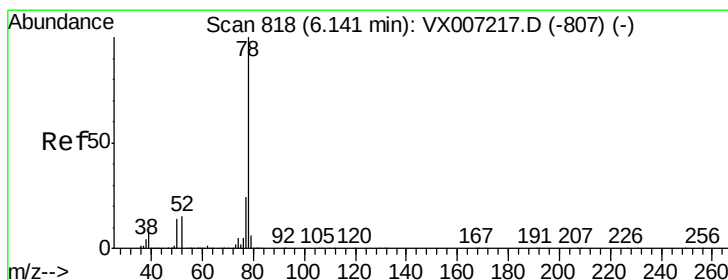
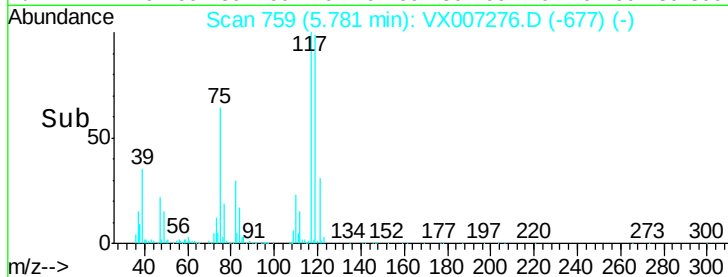
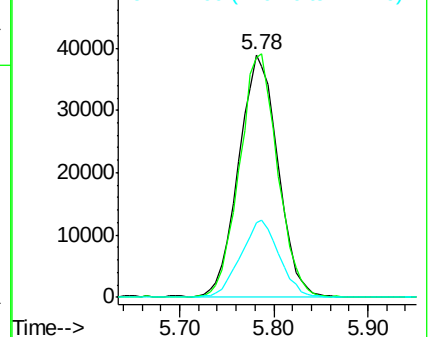
121 30.8 24.6 37.0



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: 19.343 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

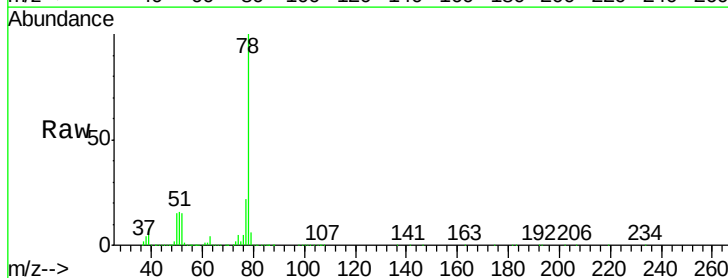
Tgt Ion: 78 Resp: 347282

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.1	28.7
51	15.5	12.4	18.6

78 100

77 22.4 19.1 28.7

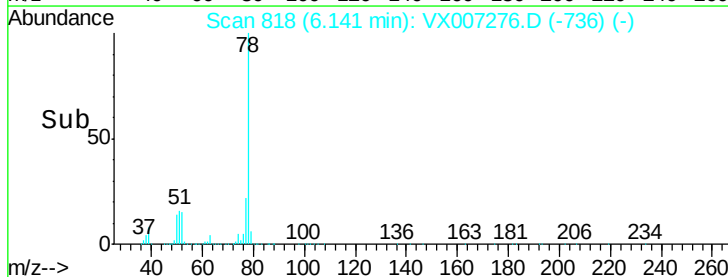
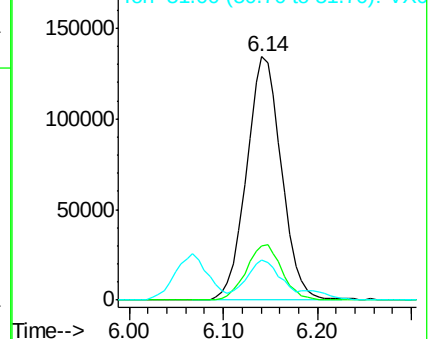
51 15.5 12.4 18.6

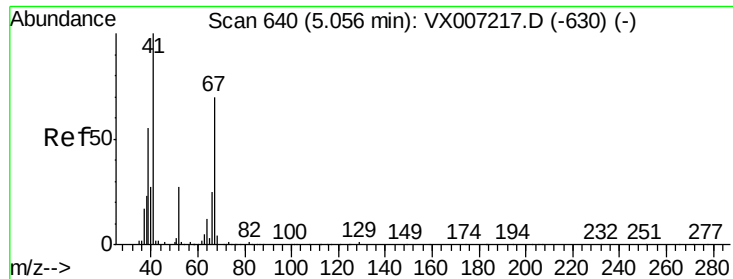


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

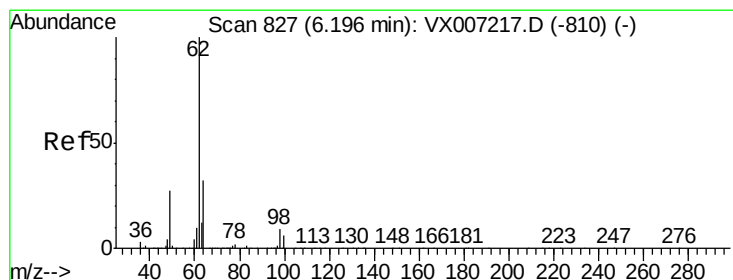
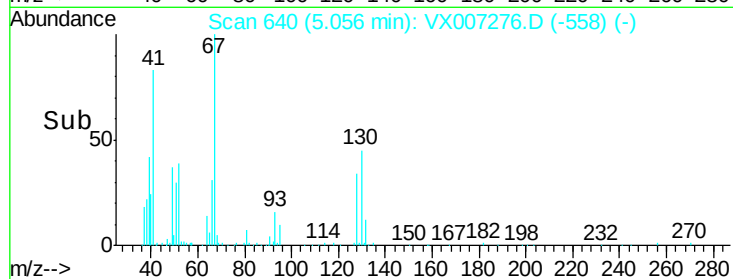
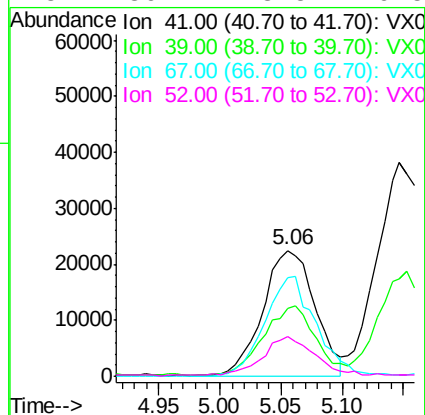
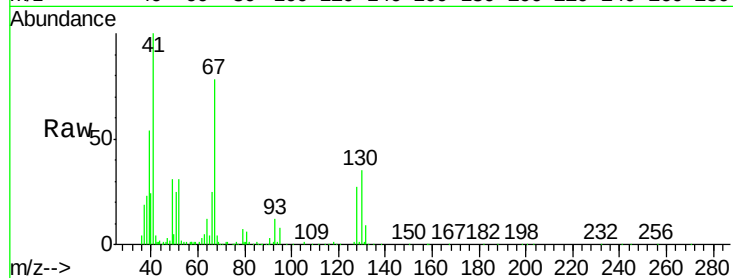
Ion 51.00 (50.70 to 51.70): VX0





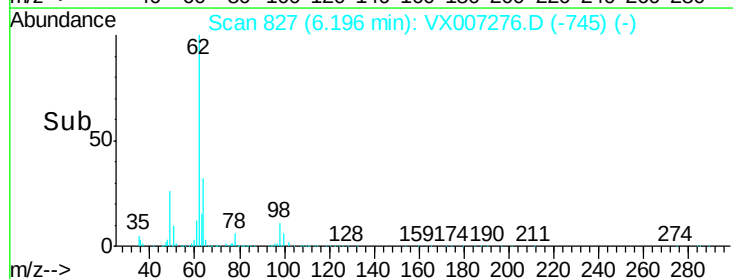
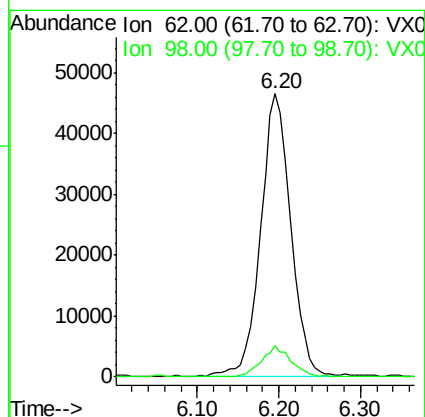
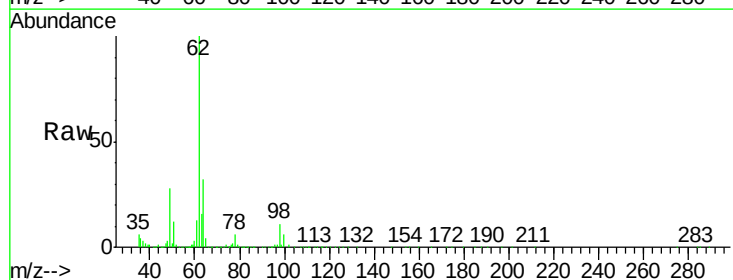
#35
Methacrylonitrile
Concen: 18.686 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

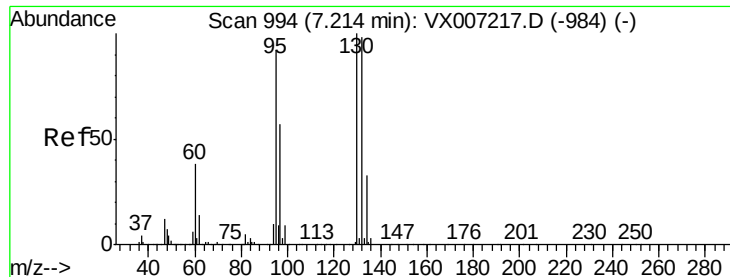
Tot Ion:	41	Resp:	66336
Ion	Ratio	Lower	Upper
41	100		
39	53.8	27.5	82.4
67	78.7	34.8	104.3
52	30.2	13.5	40.5



#36
1,2-Dichloroethane
Concen: 19.431 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

Tgt Ion:	62	Resp:	120383
Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.1	12.1





#37

Trichloroethene

Concen: 19.446 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007276.D

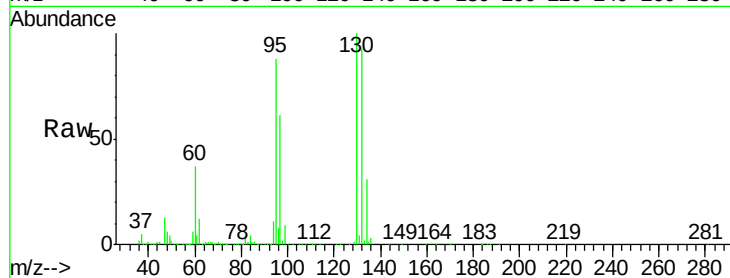
Acq: 29 Jan 2019 09:36

Tot Ion:130 Resp: 102941

Ion Ratio Lower Upper

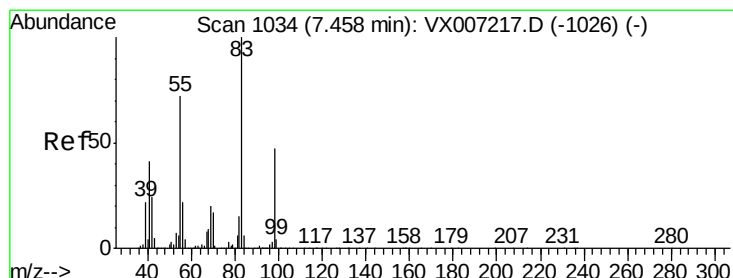
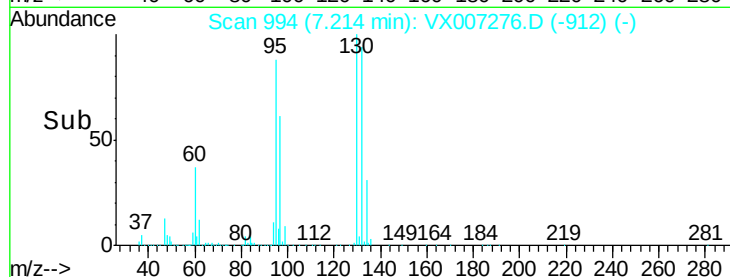
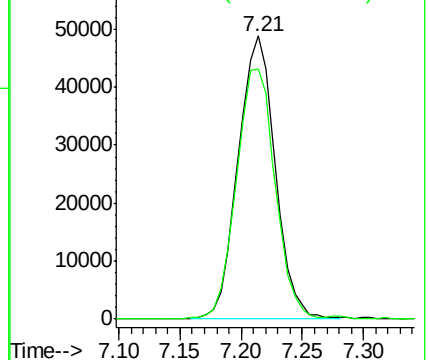
130 100

95 87.9 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: 19.137 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

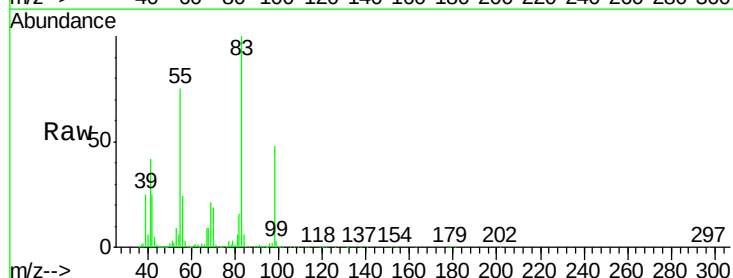
Tgt Ion: 83 Resp: 141164

Ion Ratio Lower Upper

83 100

55 73.3 36.6 109.8

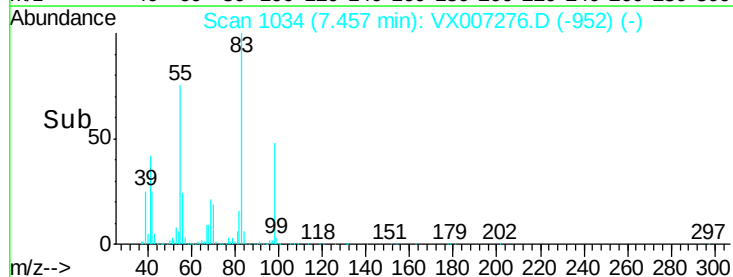
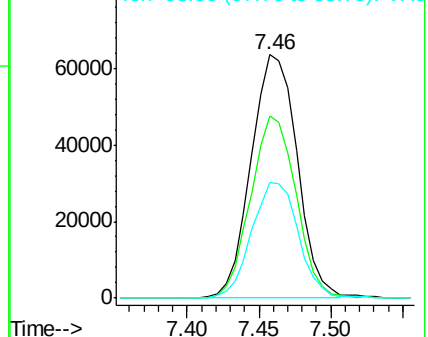
98 48.1 24.1 72.4

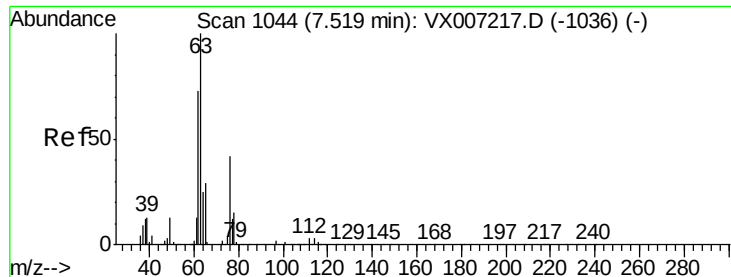


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.108 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007276.D

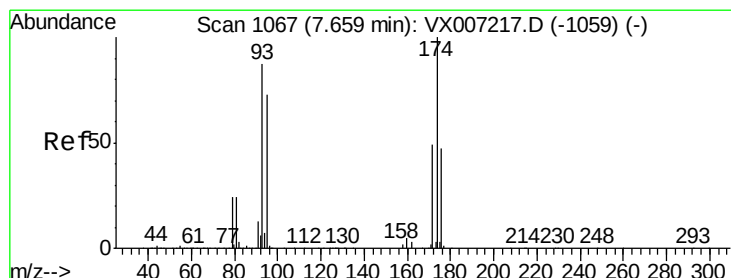
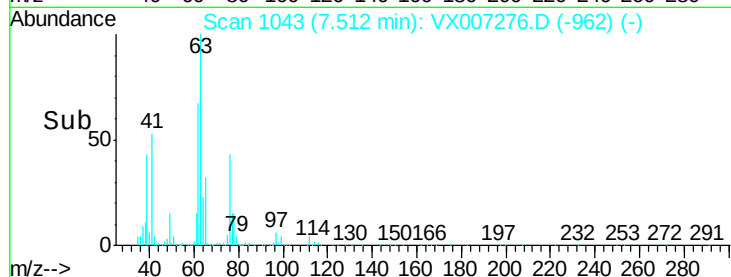
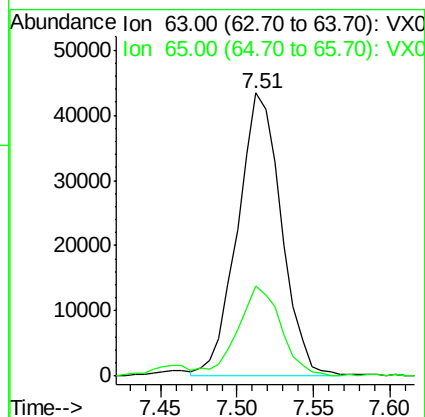
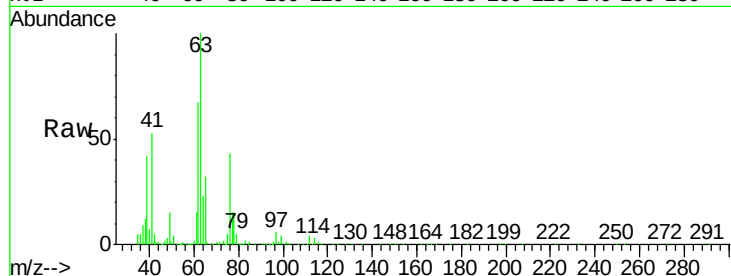
Acq: 29 Jan 2019 09:36

Tot Ion: 63 Resp: 86032

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



#40

Dibromomethane

Concen: 19.410 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

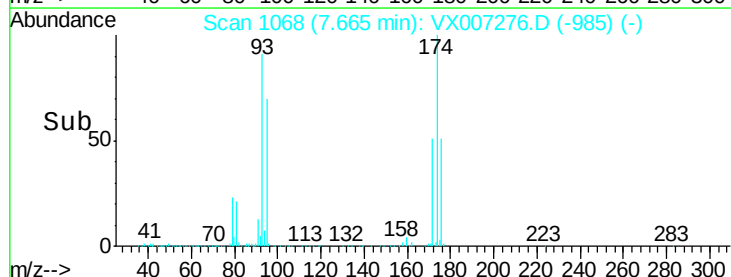
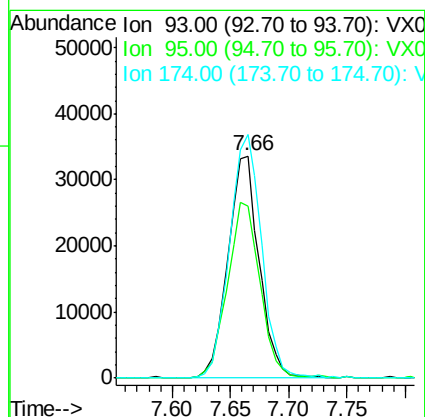
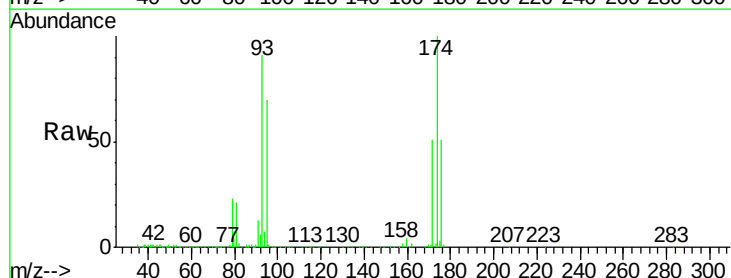
Tgt Ion: 93 Resp: 62953

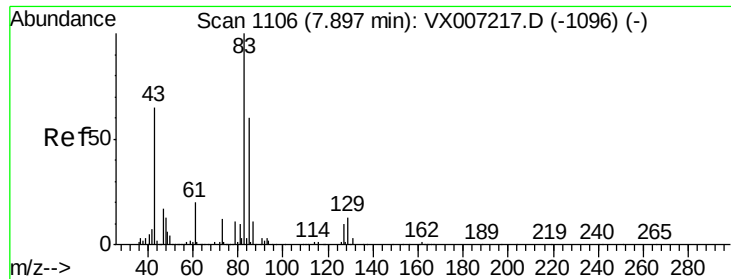
Ion Ratio Lower Upper

93 100

95 81.6 0.0 172.4

174 112.3 0.0 233.0





#41

Bromodichloromethane

Concen: 18.560 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

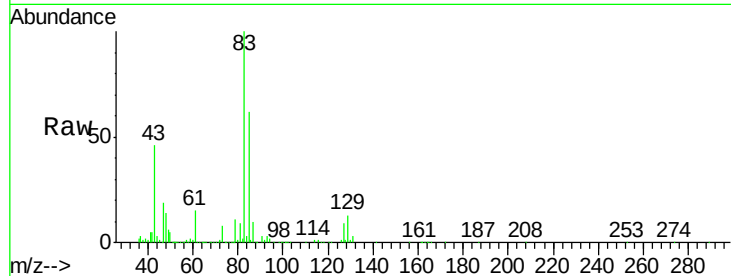
Tot Ion: 83 Resp: 105644

Ion	Ratio	Lower	Upper
83	100		
85	61.4	48.2	72.2
127	8.6	8.3	12.5

83 100

85 61.4 48.2 72.2

127 8.6 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

7.90

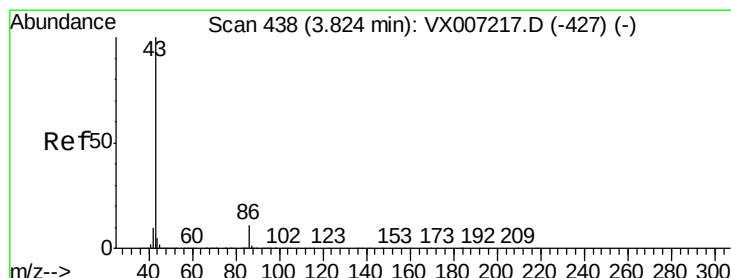
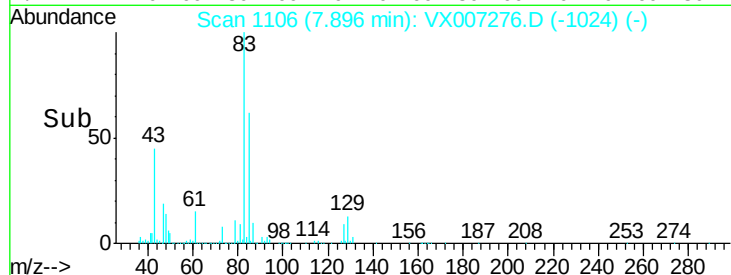
60000

40000

20000

0

Time--> 7.80 7.85 7.90 7.95 8.00



#42

Vinyl Acetate

Concen: 98.992 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007276.D

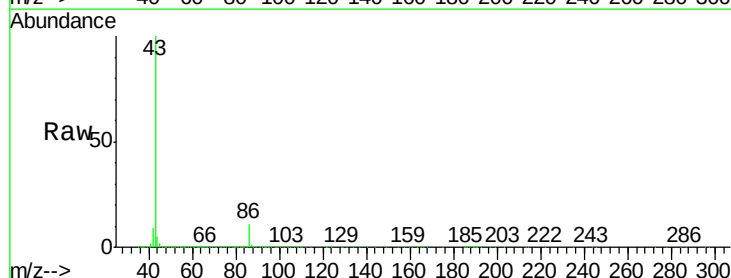
Acq: 29 Jan 2019 09:36

Tgt Ion: 43 Resp: 1167296

Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.0	12.0

43 100

86 9.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

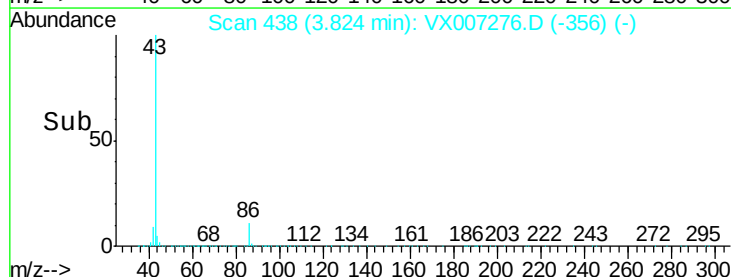
300000

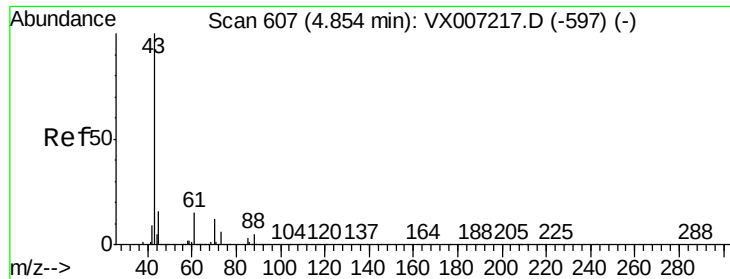
200000

100000

0

Time--> 3.70 3.80 3.90 4.00





#43

Ethyl Acetate

Concen: 17.887 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007276.D

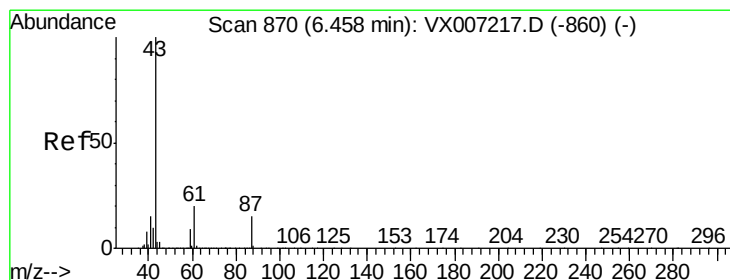
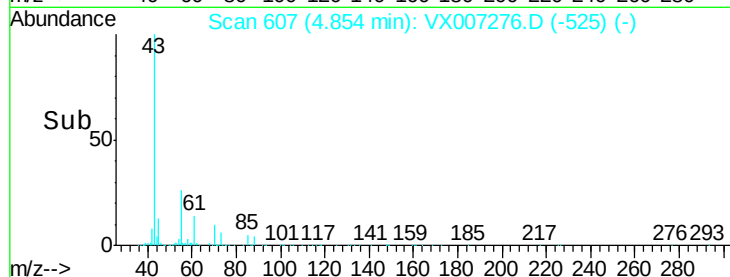
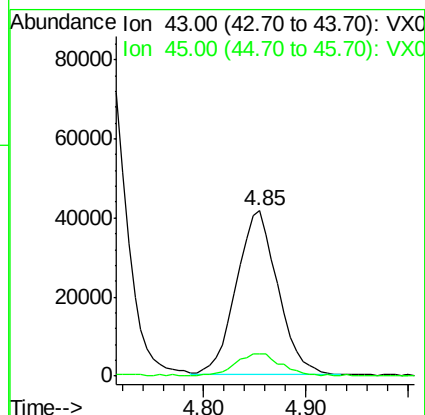
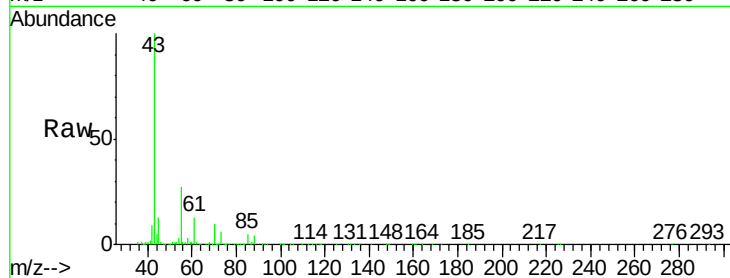
Acq: 29 Jan 2019 09:36

Tot Ion: 43 Resp: 116078

Ion Ratio Lower Upper

43 100

45 15.4 11.7 17.5



#44

Isopropyl Acetate

Concen: 18.532 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007276.D

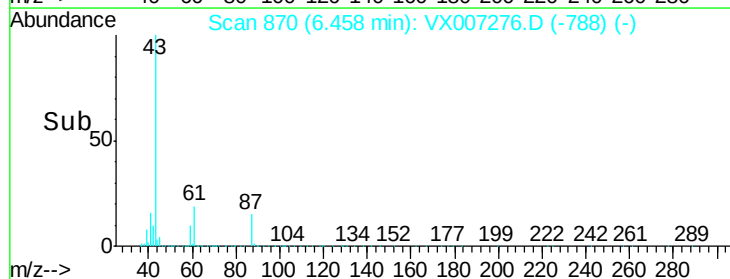
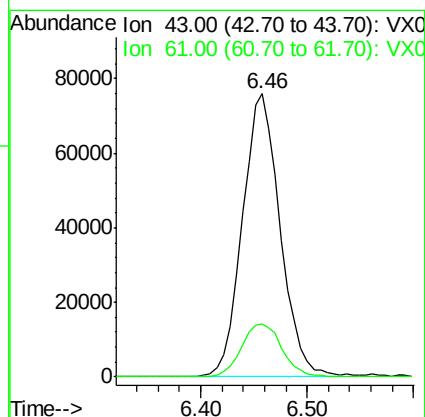
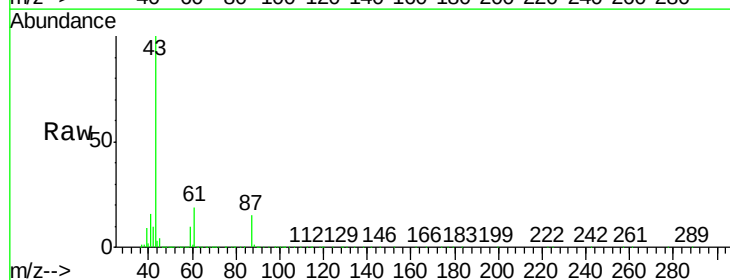
Acq: 29 Jan 2019 09:36

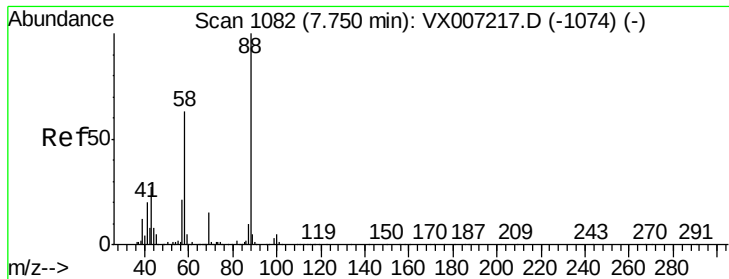
Tgt Ion: 43 Resp: 187829

Ion Ratio Lower Upper

43 100

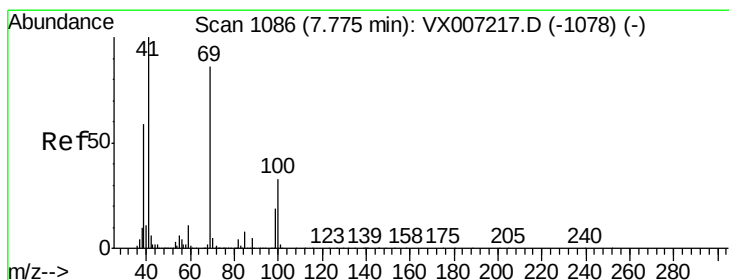
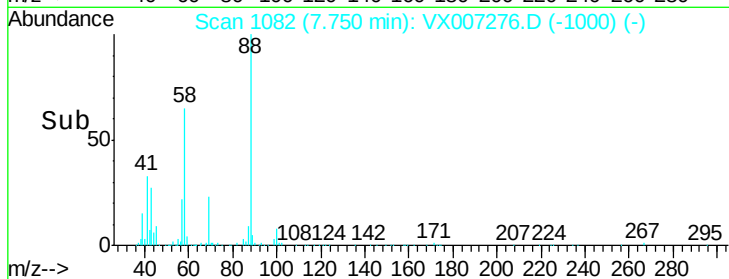
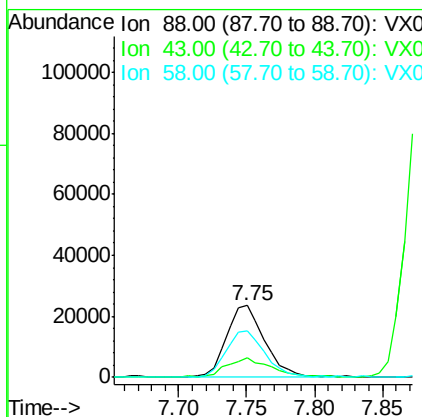
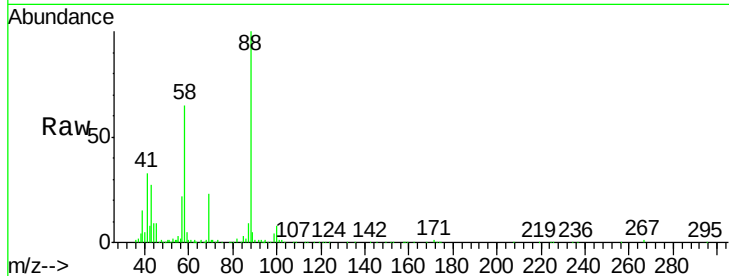
61 20.1 16.8 25.2





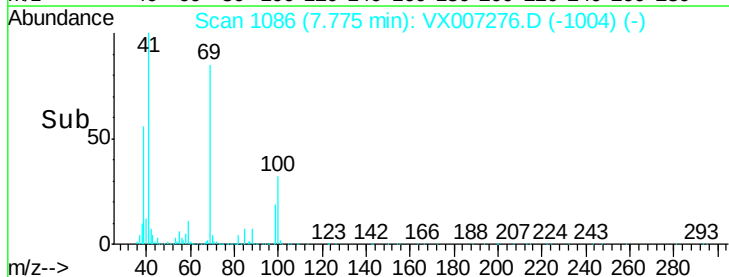
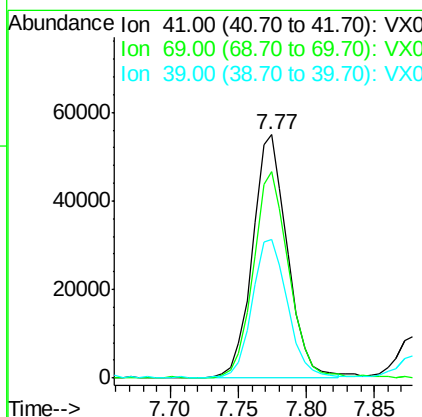
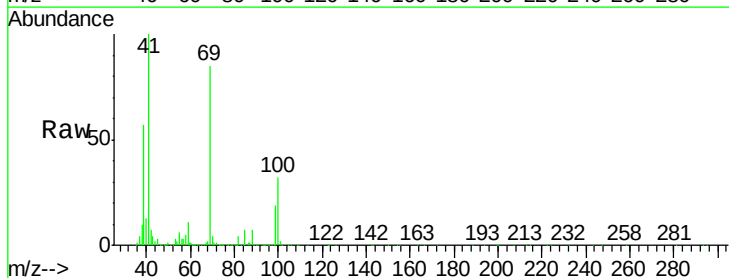
#45
 1,4-Dioxane
 Concen: 378.596 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

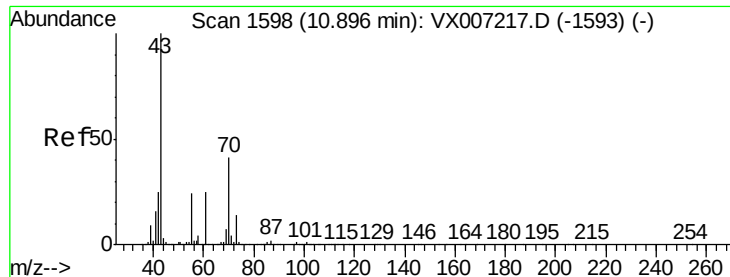
Tot Ion	88	Resp	46500
Ion	Ratio	Lower	Upper
88	100		
43	29.5	23.5	35.3
58	65.3	51.6	77.4



#46
 Methyl methacrylate
 Concen: 18.973 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

Tgt Ion	41	Resp	98329
Ion	Ratio	Lower	Upper
41	100		
69	85.0	43.0	129.2
39	56.4	29.4	88.2





#47

n-amvl Acetate

Concen: 18.968 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007276.D

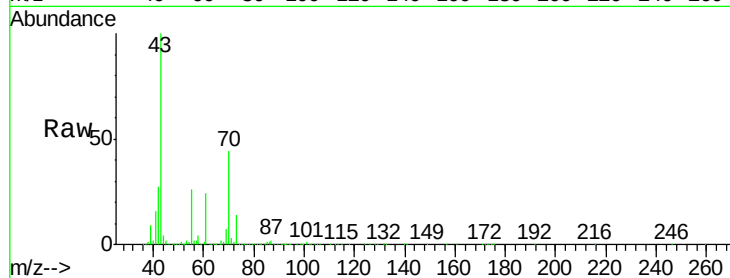
Acq: 29 Jan 2019 09:36

Tot Ion: 43 Resp: 169046

Ion Ratio Lower Upper

43 100

55 26.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150000

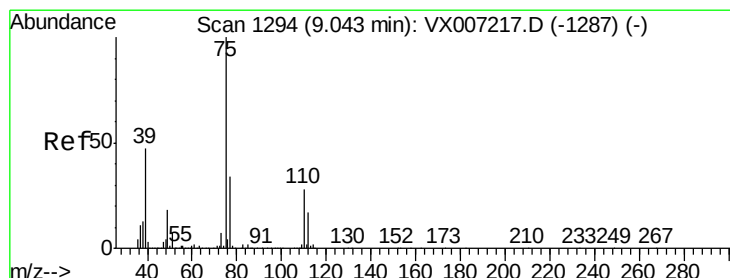
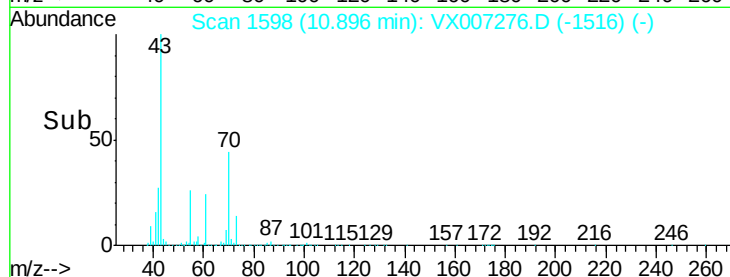
100000

50000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.828 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007276.D

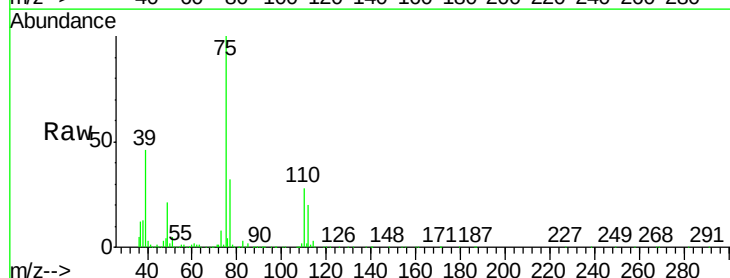
Acq: 29 Jan 2019 09:36

Tgt Ion: 75 Resp: 110678

Ion Ratio Lower Upper

75 100

77 31.5 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

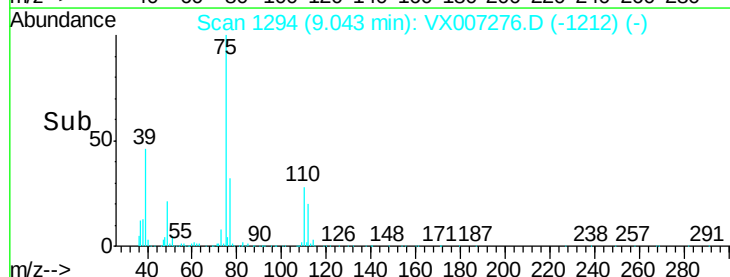
40000

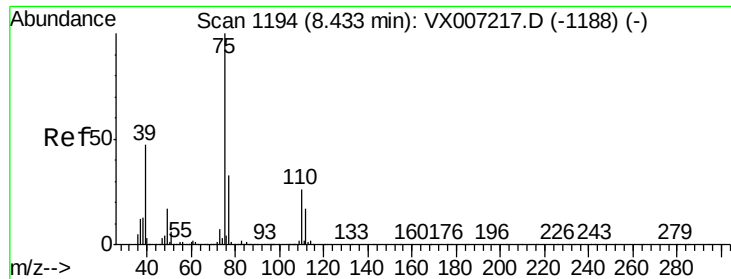
20000

0

9.00 9.05 9.10

Time-->





#49

cis-1,3-Dichloropropene

Concen: 18.324 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

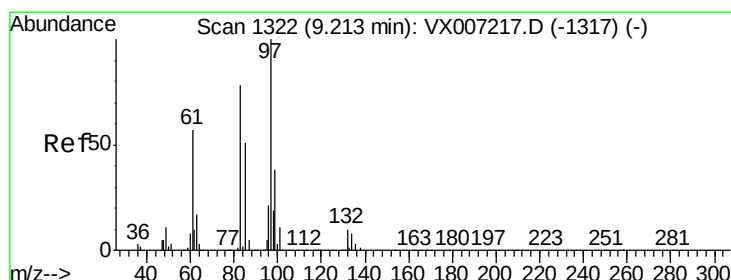
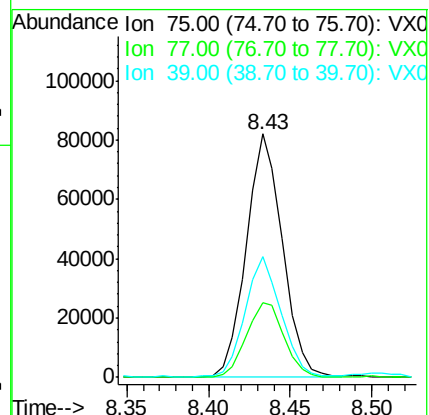
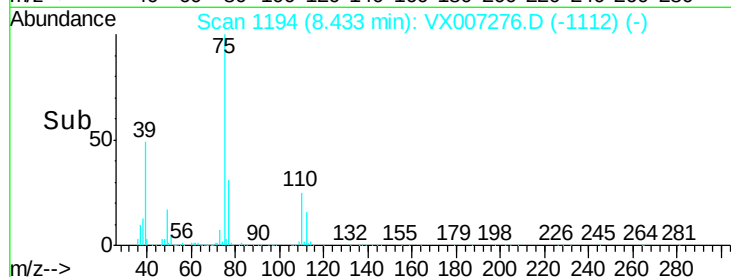
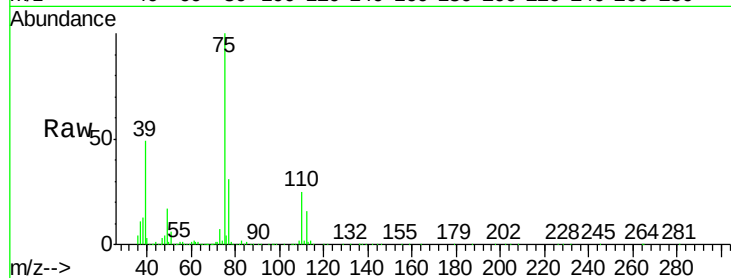
Tot Ion: 75 Resp: 126374

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.4

39 49.3 37.2 55.8



#50

1,1,2-Trichloroethane

Concen: 19.798 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion: 97 Resp: 96374

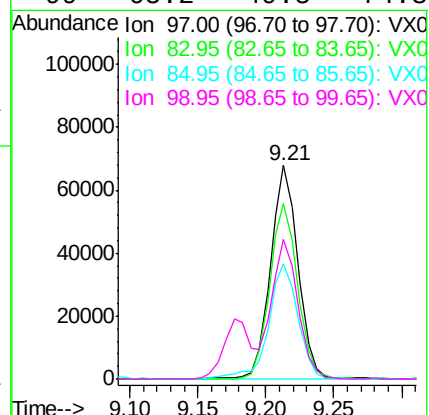
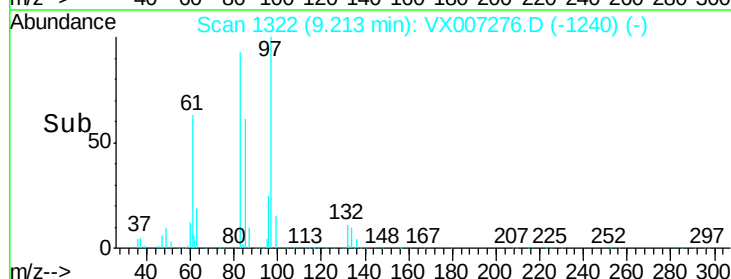
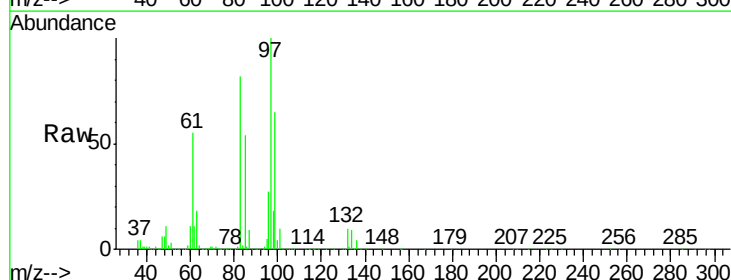
Ion Ratio Lower Upper

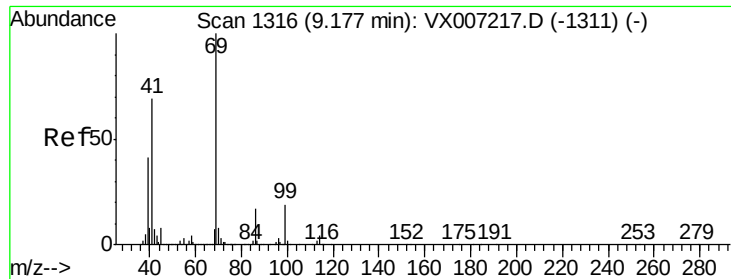
97 100

83 81.7 62.5 93.7

85 53.6 41.8 62.6

99 65.2 49.5 74.3





#51

Ethyl methacrylate

Concen: 19.262 ug/l

RT: 9.18 min Scan# 1316

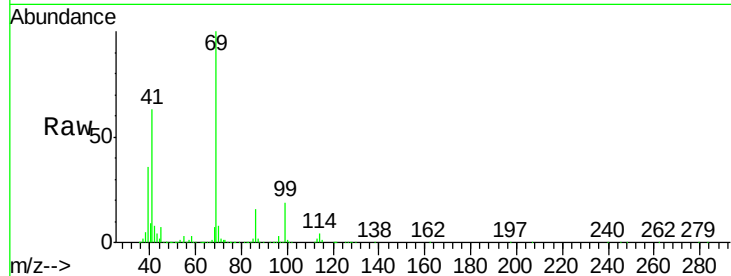
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion: 69 Resp: 133974

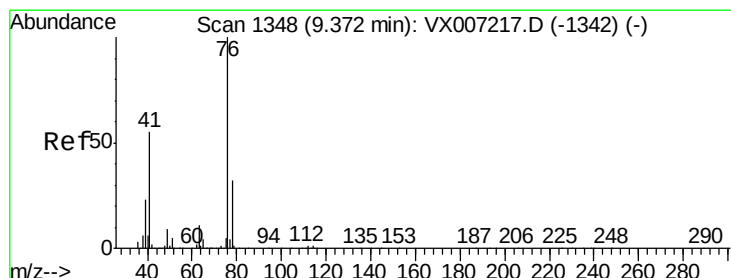
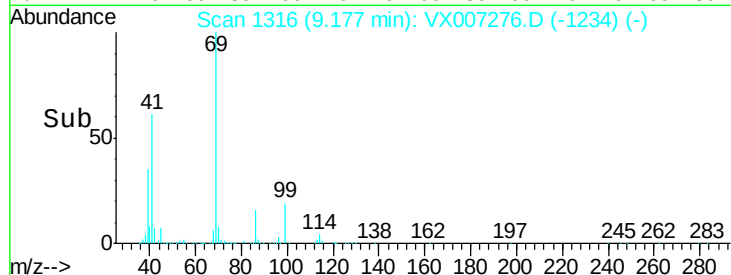
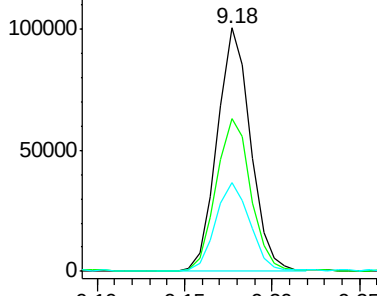
Ion	Ratio	Lower	Upper
69	100		
41	62.3	34.2	102.6
39	36.0	20.3	60.8



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: 19.296 ug/l

RT: 9.37 min Scan# 1348

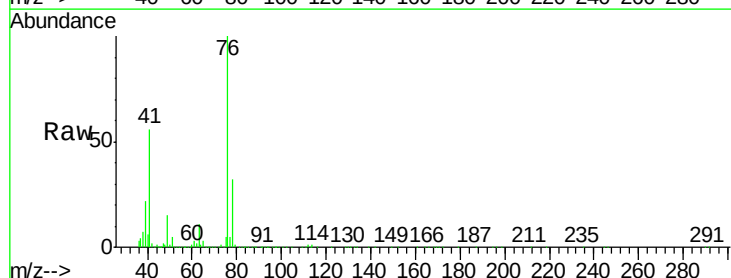
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

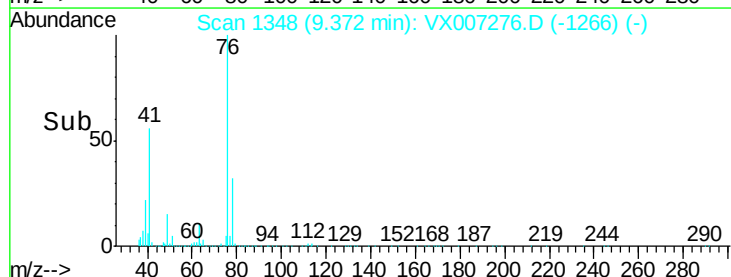
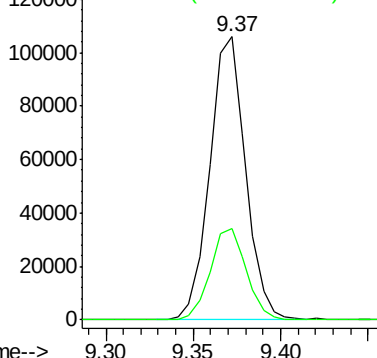
Tgt Ion: 76 Resp: 150400

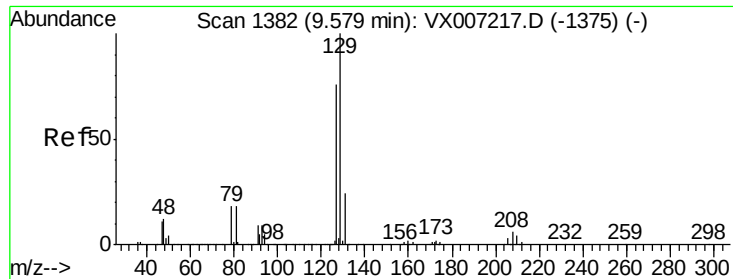
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	66.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.489 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007276.D

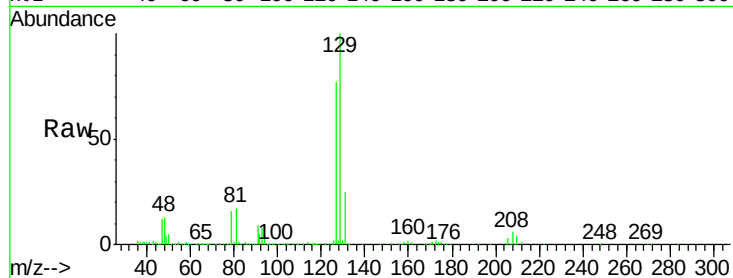
Acq: 29 Jan 2019 09:36

Tot Ion:129 Resp: 90966

Ion Ratio Lower Upper

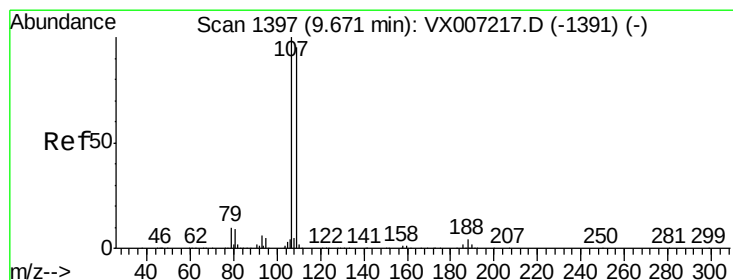
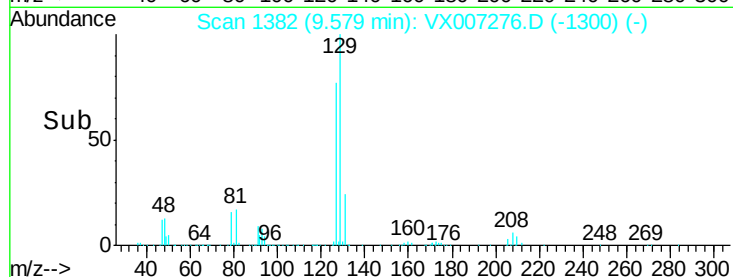
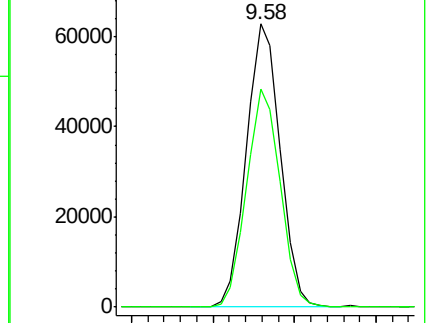
129 100

127 76.7 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: 19.484 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007276.D

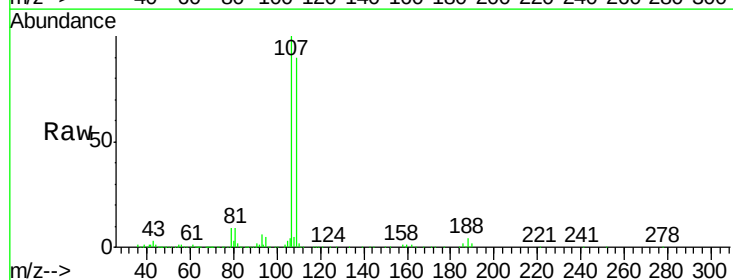
Acq: 29 Jan 2019 09:36

Tgt Ion:107 Resp: 102102

Ion Ratio Lower Upper

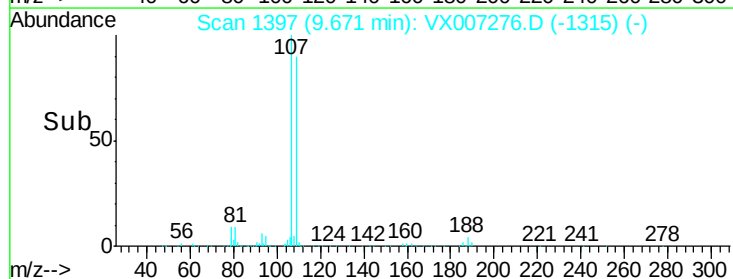
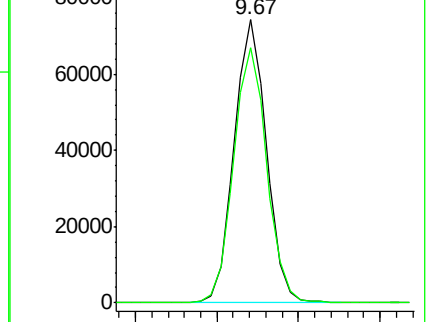
107 100

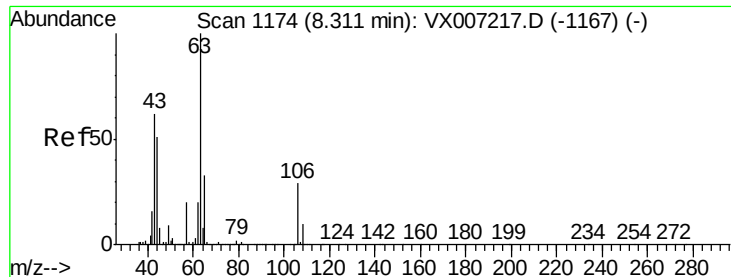
109 93.1 75.5 113.3



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: 97.819 ug/l

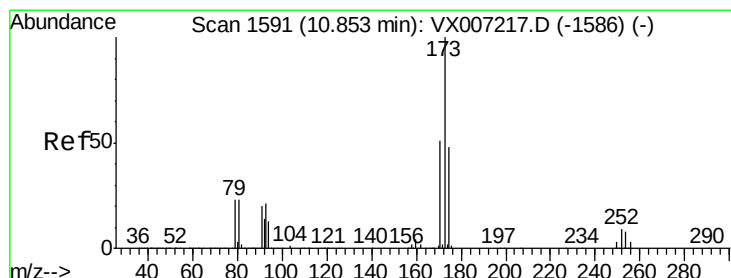
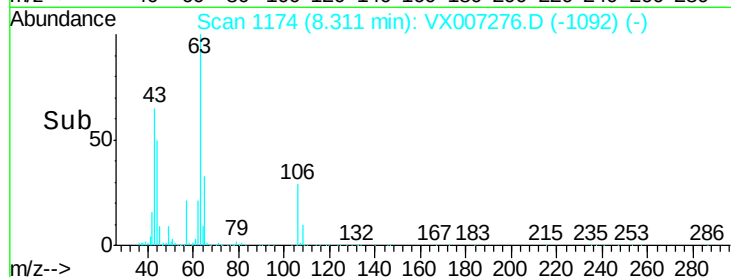
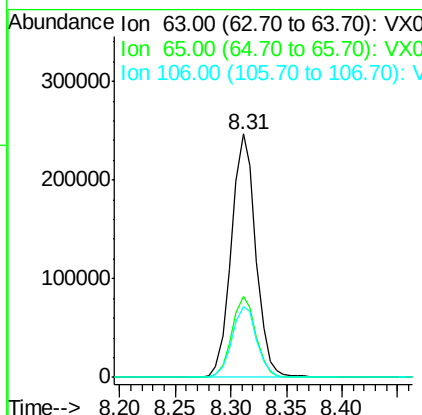
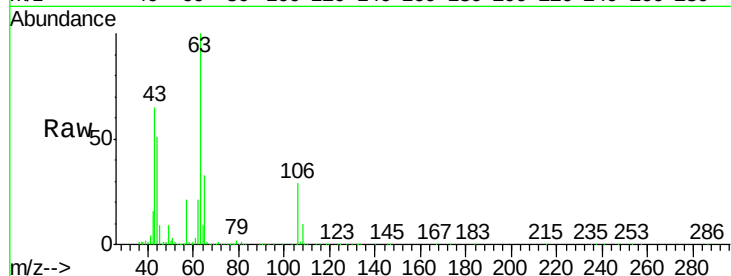
RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion:	63	Resp:	374287
Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.9	38.9
106	29.6	23.8	35.8



#56

Bromoform

Concen: 17.812 ug/l

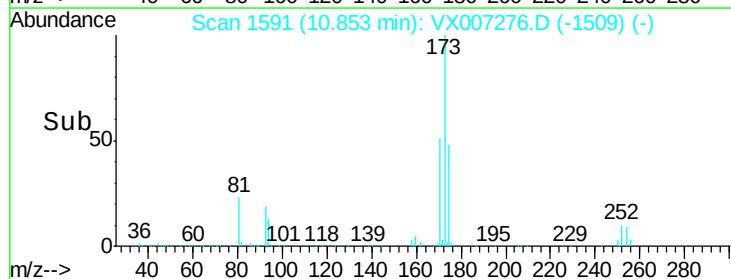
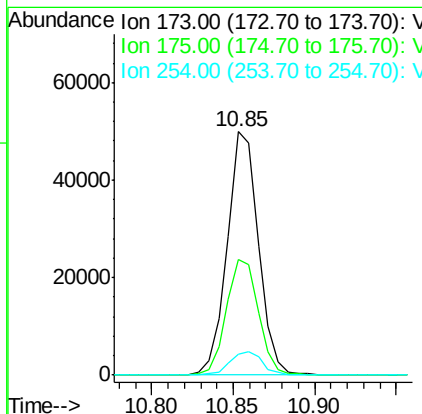
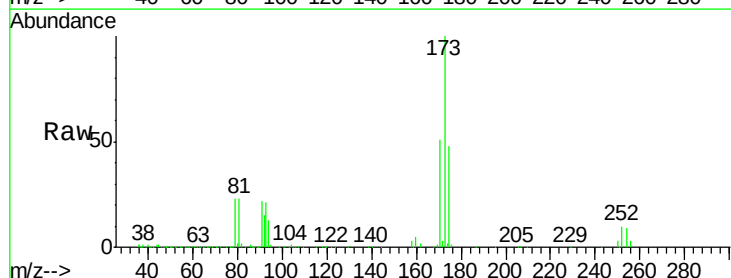
RT: 10.85 min Scan# 1591

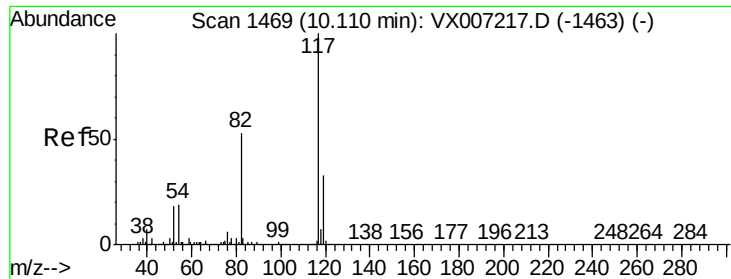
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion:	173	Resp:	66541
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.9	58.3
254	9.9	8.5	12.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

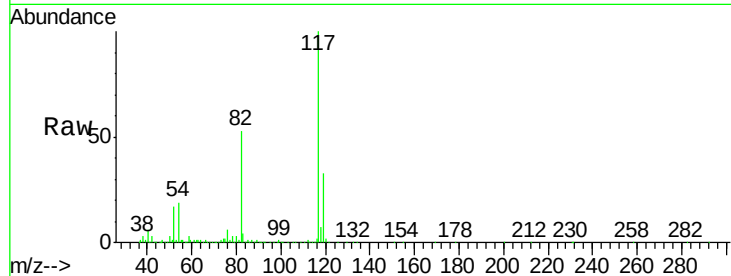
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion:117 Resp: 411649

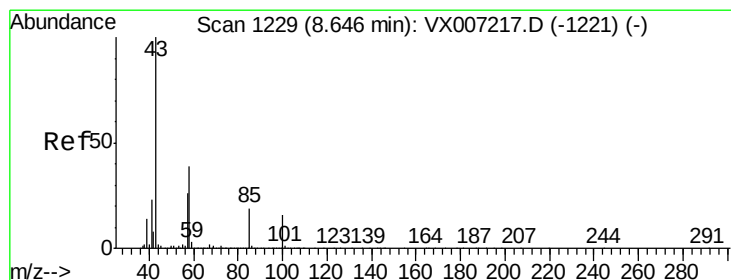
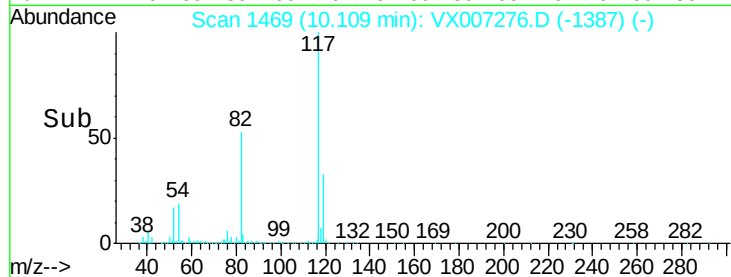
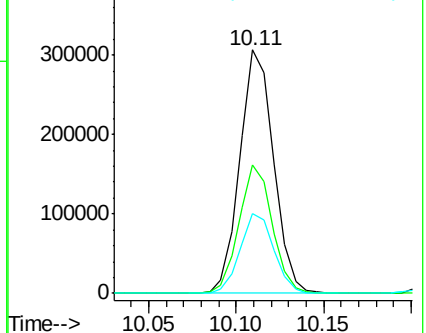
Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.4	62.0
119	32.9	25.7	38.5



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: 96.151 ug/l

RT: 8.65 min Scan# 1229

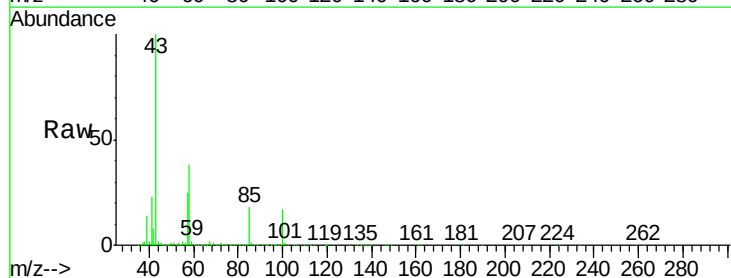
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion: 43 Resp: 661857

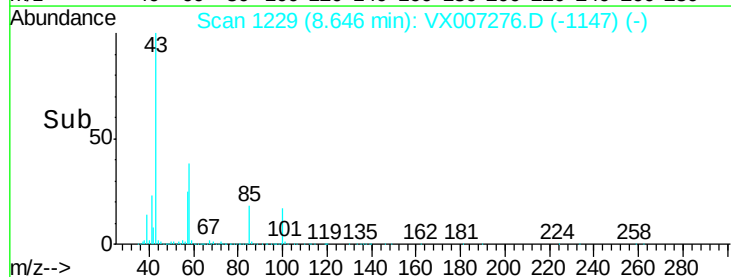
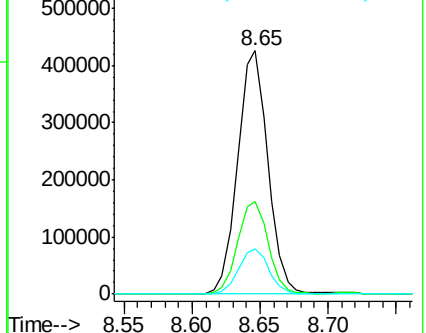
Ion	Ratio	Lower	Upper
43	100		
58	38.5	31.6	47.4
85	18.6	14.9	22.3

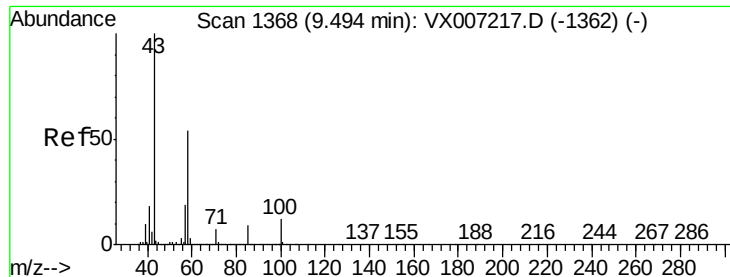


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





#59

2-Hexanone

Concen: 96.945 ug/l

RT: 9.49 min Scan# 1368

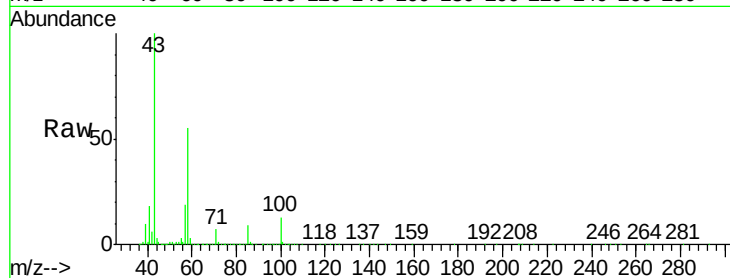
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion: 43 Resp: 516400

Ion	Ratio	Lower	Upper
43	100		
58	54.2	42.8	64.2
57	18.2	14.8	22.2

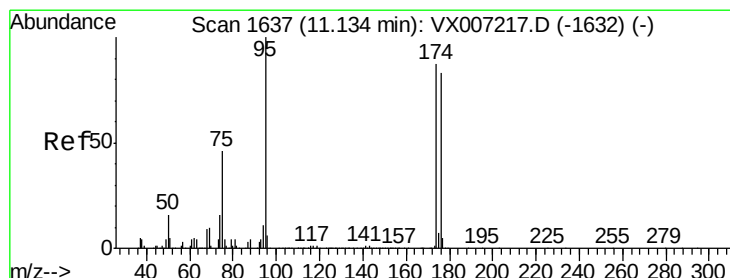
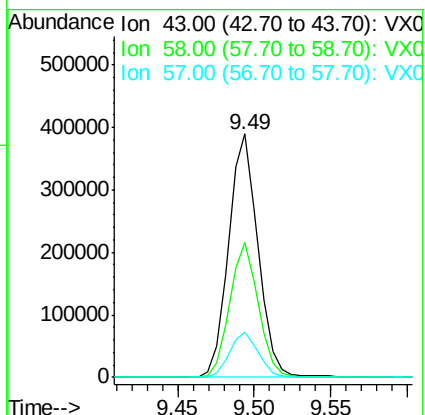
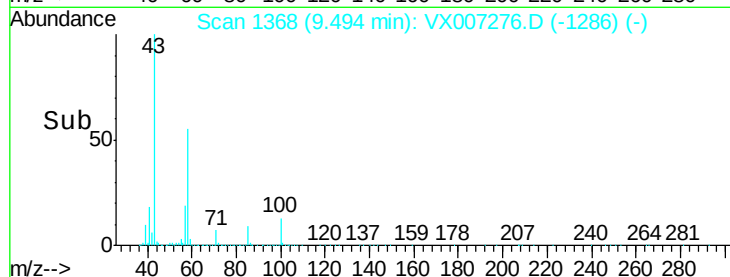


Abundance

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



#60

4-Bromofluorobenzene

Concen: 31.521 ug/l

RT: 11.13 min Scan# 1637

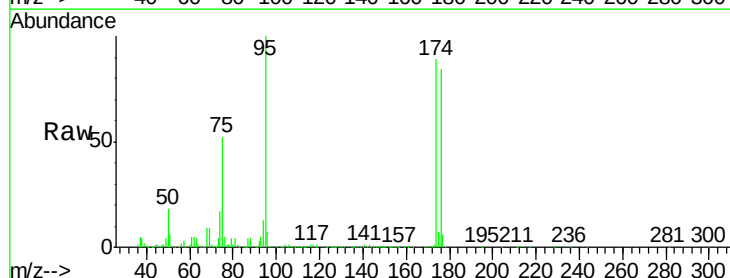
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion: 95 Resp: 200267

Ion	Ratio	Lower	Upper
95	100		
174	93.1	74.8	112.2
176	89.6	72.5	108.7

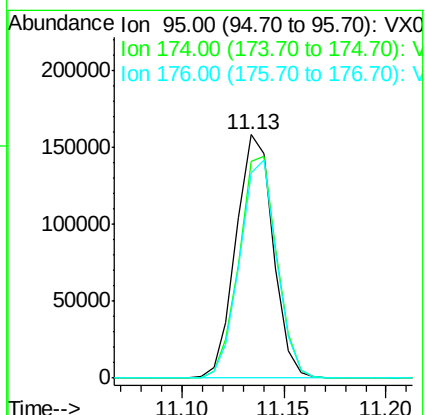
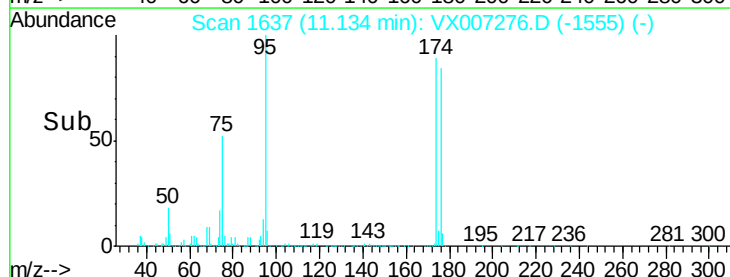


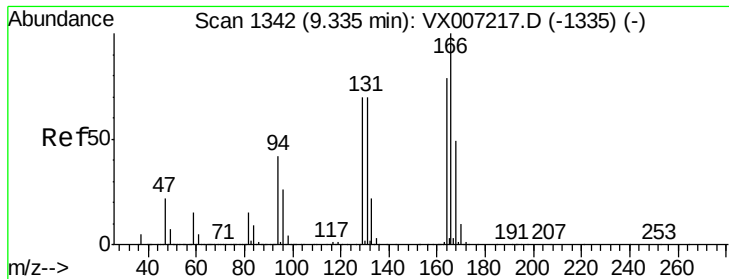
Abundance

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





#61

Tetrachloroethene

Concen: 20.206 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion:164 Resp: 115936

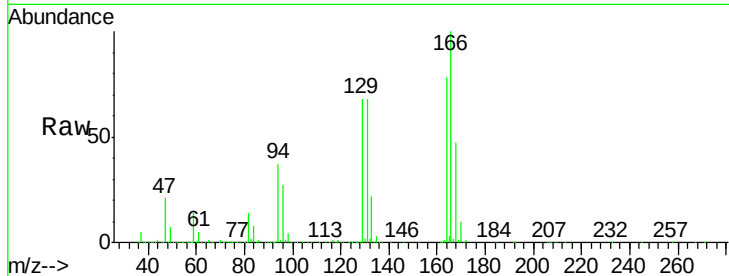
Ion Ratio Lower Upper

164 100

166 128.3 101.6 152.4

129 87.6 70.6 106.0

131 87.6 71.1 106.7

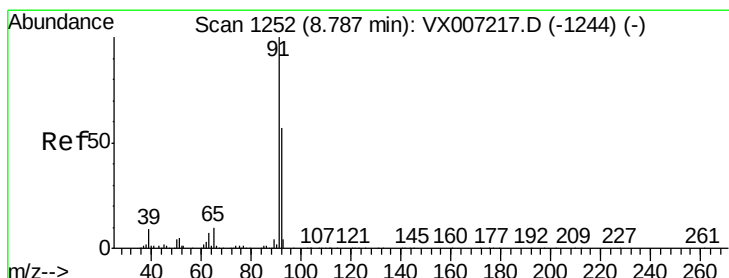
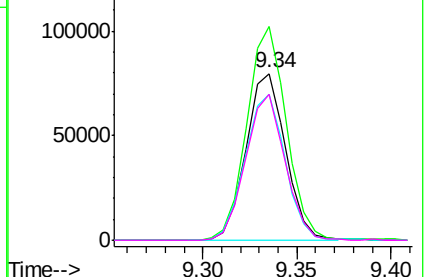
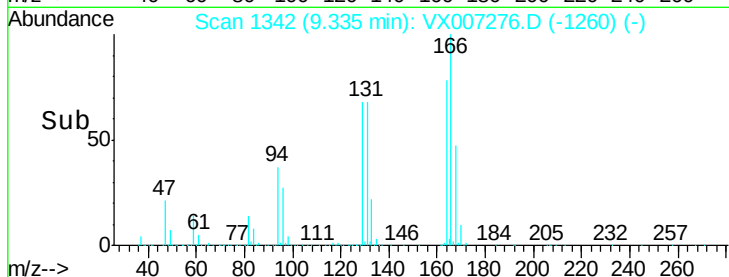


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.271 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007276.D

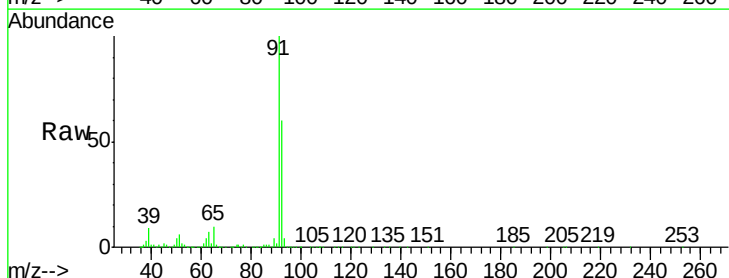
Acq: 29 Jan 2019 09:36

Tgt Ion: 91 Resp: 399297

Ion Ratio Lower Upper

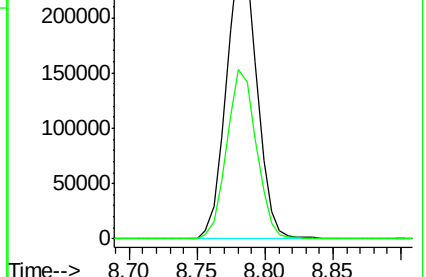
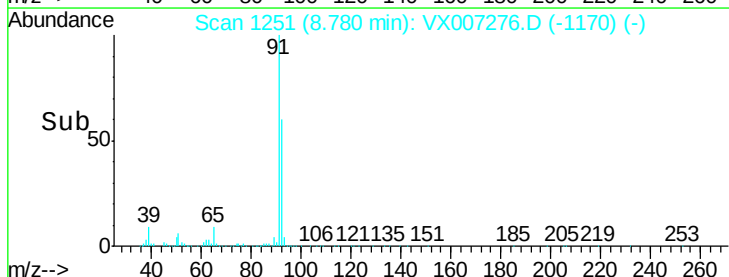
91 100

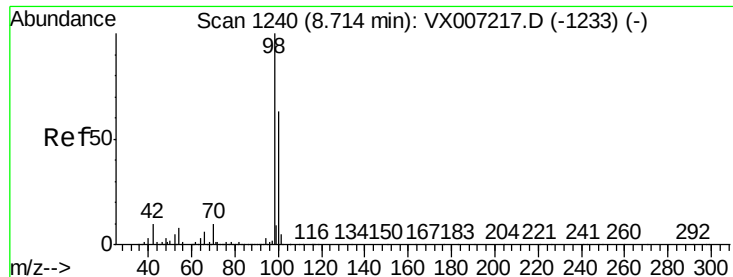
92 58.2 46.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.935 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007276.D

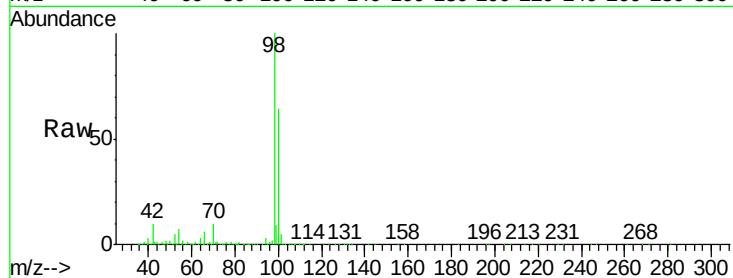
Acq: 29 Jan 2019 09:36

Tot Ion: 98 Resp: 555435

Ion Ratio Lower Upper

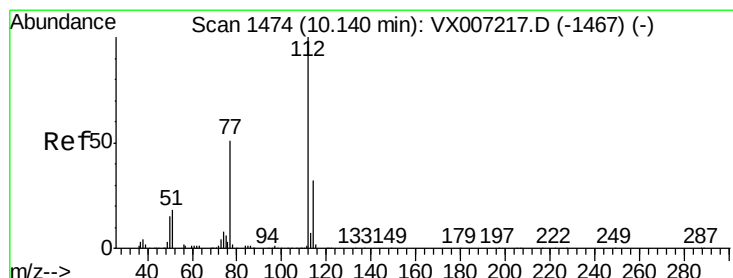
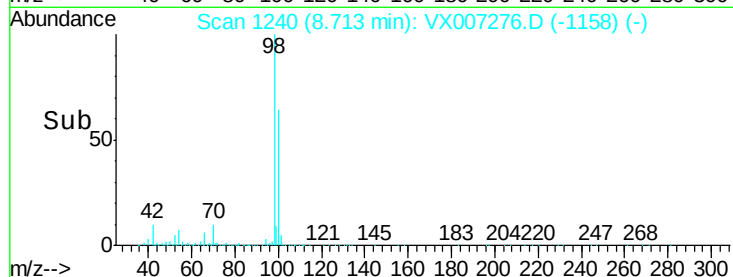
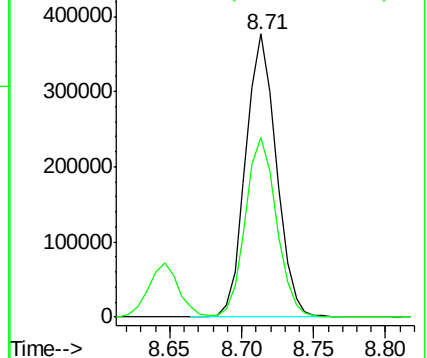
98 100

100 64.4 49.9 74.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 19.846 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007276.D

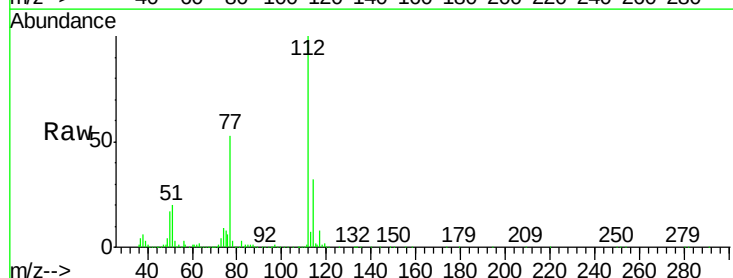
Acq: 29 Jan 2019 09:36

Tgt Ion: 112 Resp: 271271

Ion Ratio Lower Upper

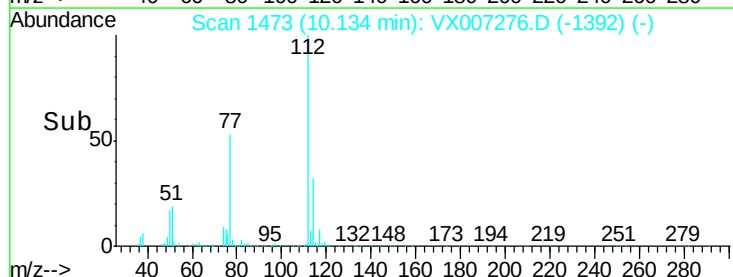
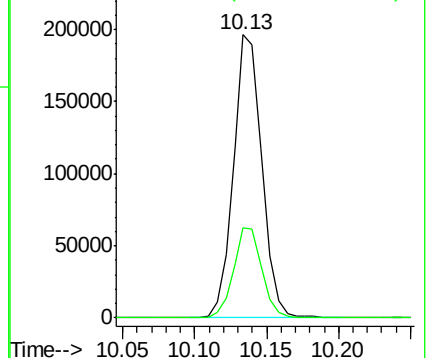
112 100

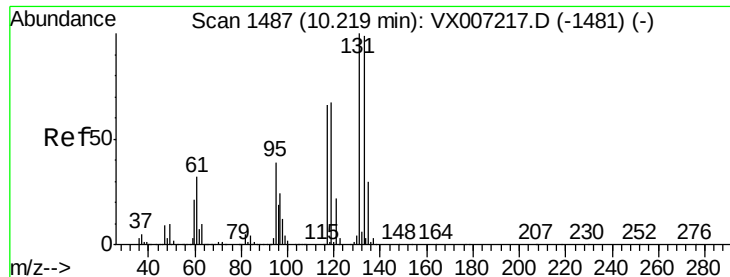
114 31.7 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.976 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

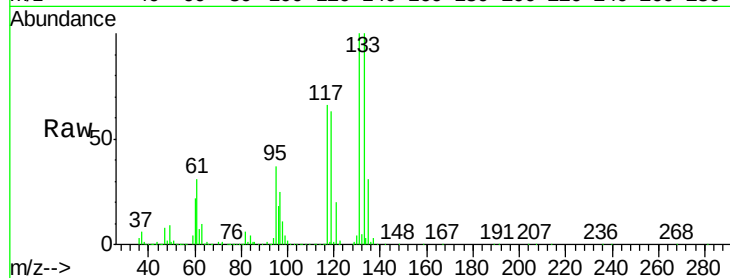
Tot Ion:131 Resp: 91874

Ion Ratio Lower Upper

131 100

133 96.4 0.0 196.4

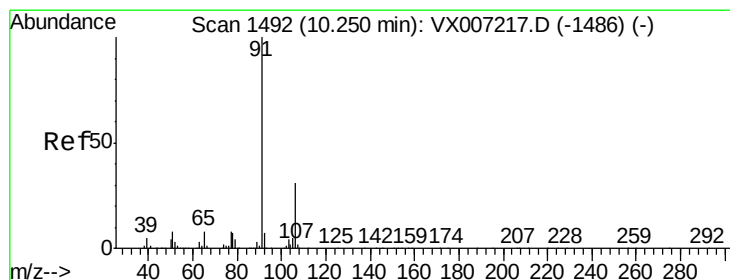
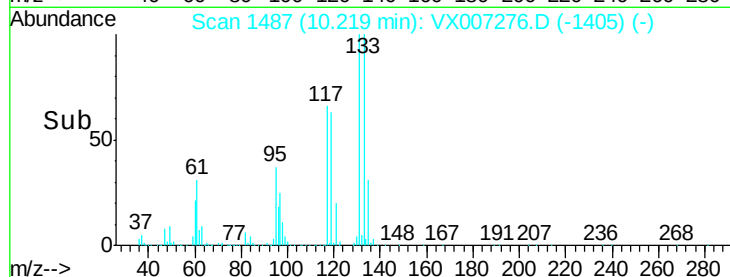
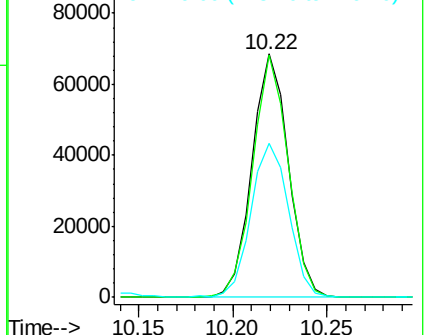
119 65.1 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.770 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007276.D

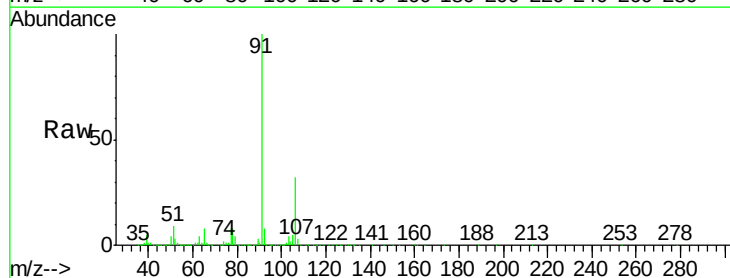
Acq: 29 Jan 2019 09:36

Tgt Ion: 91 Resp: 443825

Ion Ratio Lower Upper

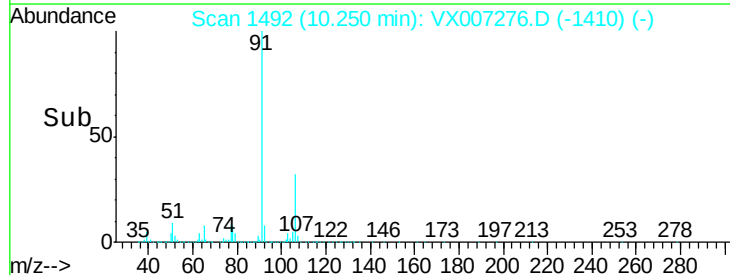
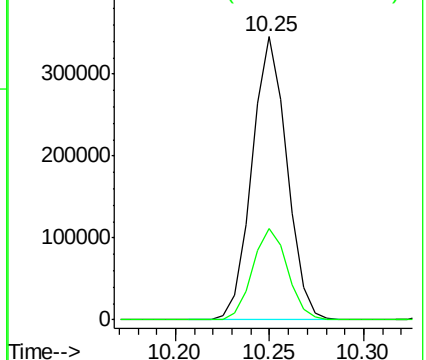
91 100

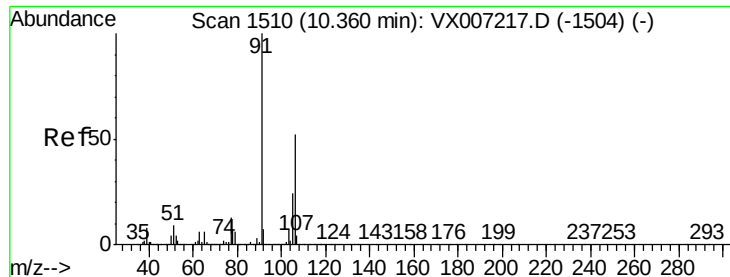
106 32.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.488 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007276.D

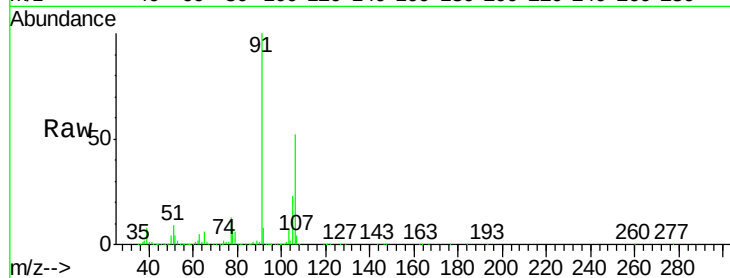
Acq: 29 Jan 2019 09:36

Tot Ion:106 Resp: 350090

Ion Ratio Lower Upper

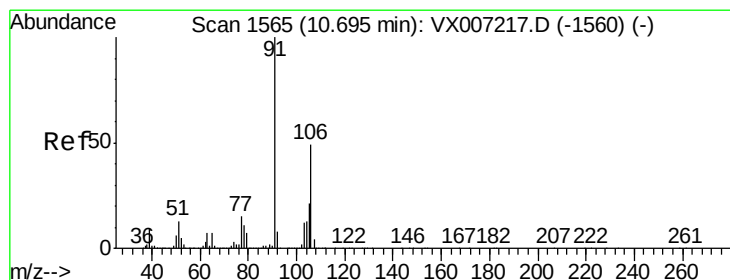
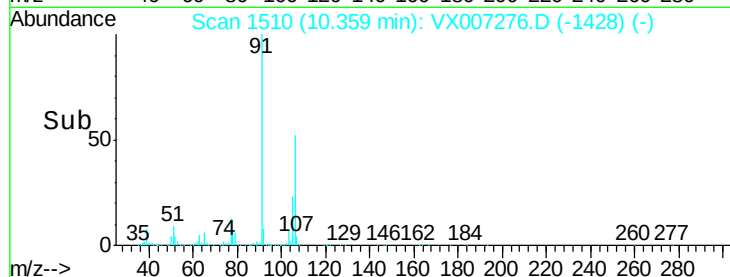
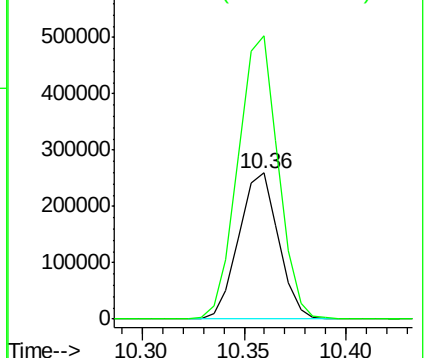
106 100

91 195.2 157.6 236.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.216 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX007276.D

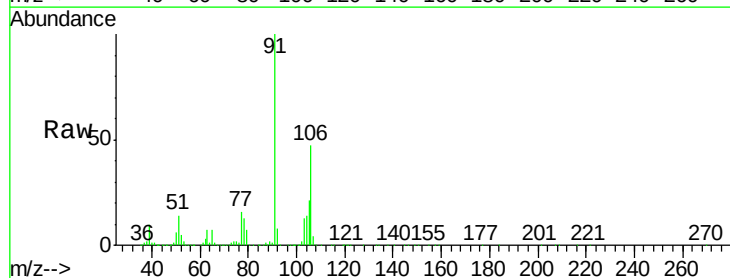
Acq: 29 Jan 2019 09:36

Tgt Ion:106 Resp: 166888

Ion Ratio Lower Upper

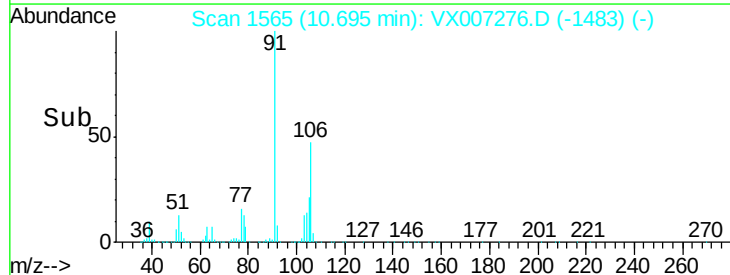
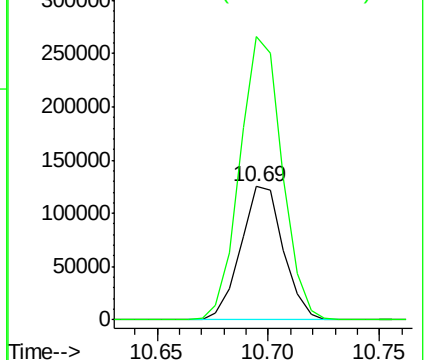
106 100

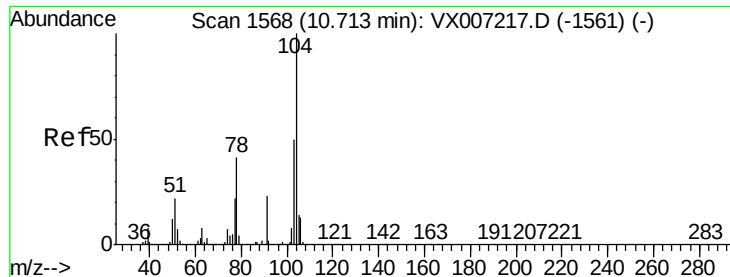
91 211.8 103.6 310.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 19.779 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

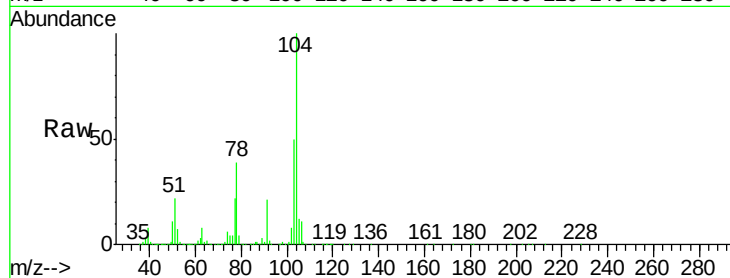
Tot Ion:104 Resp: 277124

Ion Ratio Lower Upper

104 100

78 47.3 37.8 56.8

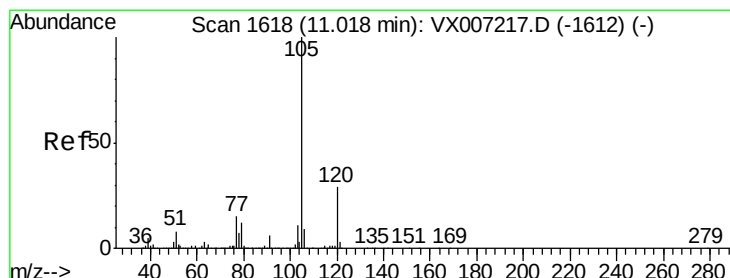
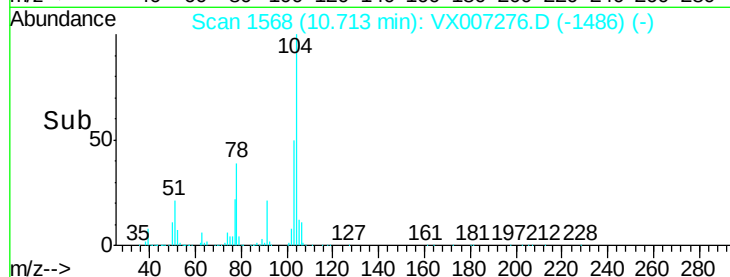
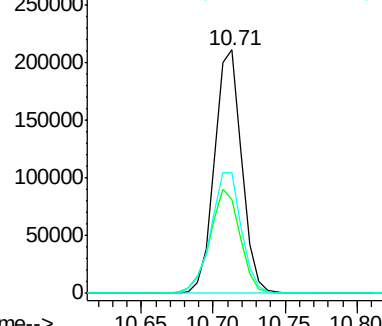
103 55.8 45.3 67.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.119 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007276.D

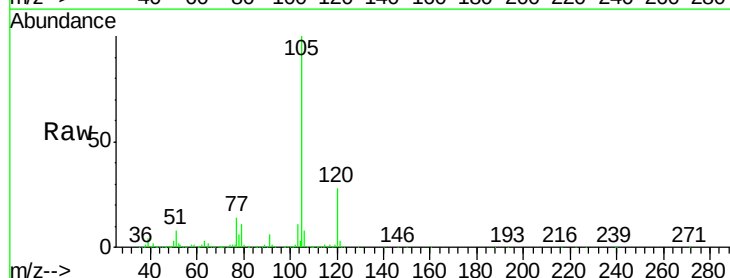
Acq: 29 Jan 2019 09:36

Tgt Ion:105 Resp: 462581

Ion Ratio Lower Upper

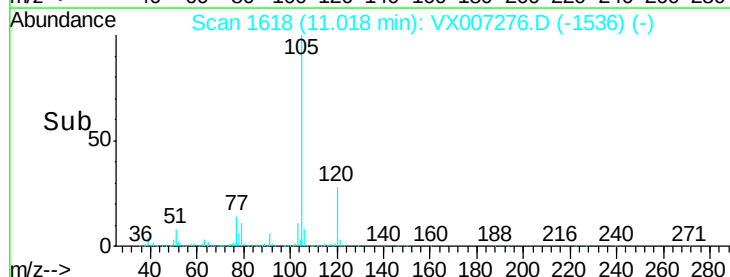
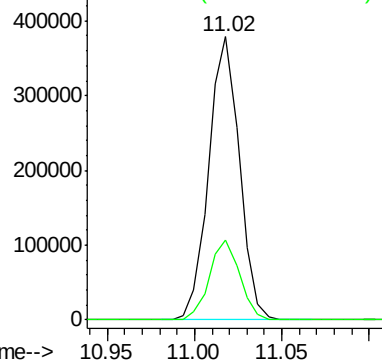
105 100

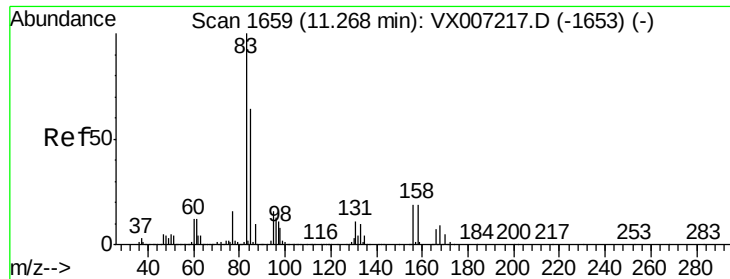
120 28.0 19.9 36.9



Abundance Ion 105.00 (104.70 to 105.70): V

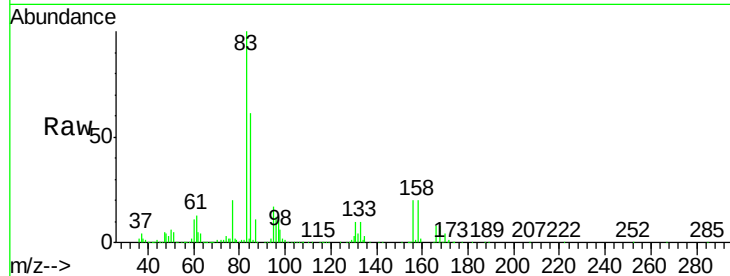
Ion 120.00 (119.70 to 120.70): V



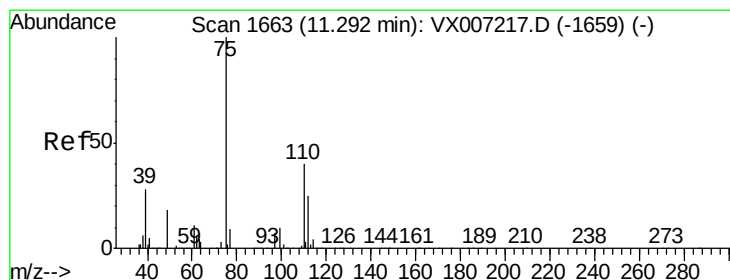
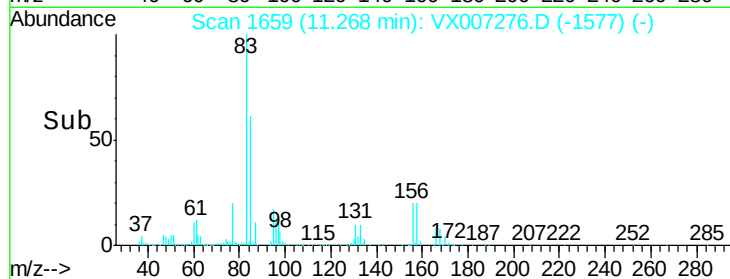
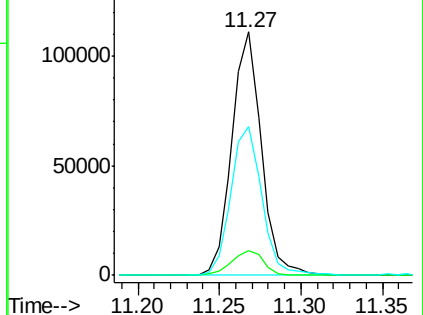


#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.930 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

Tot Ion	83	Resp	139354
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.3	15.9
85	64.7	31.8	95.3

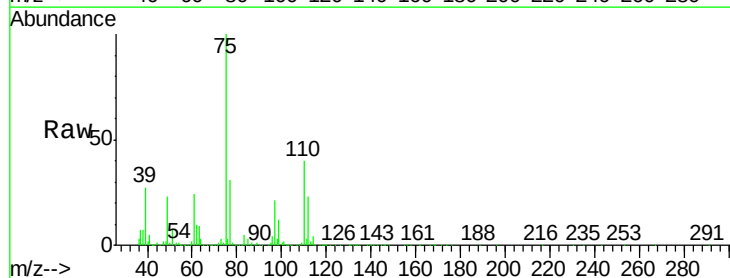


Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VX0

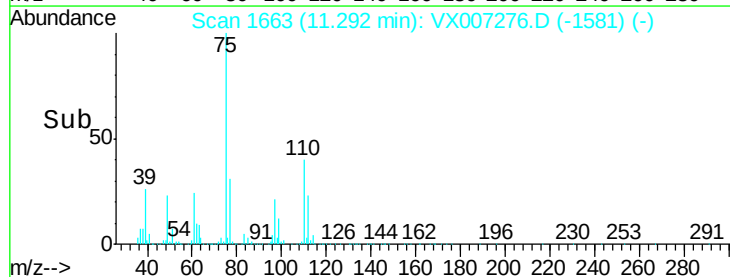
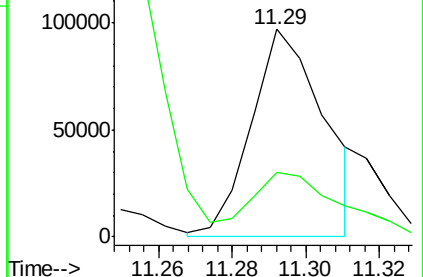


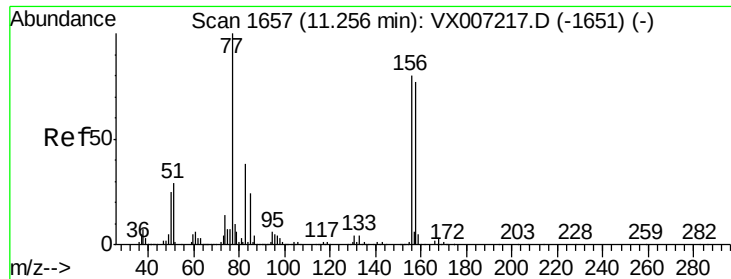
#72
 1,2,3-Trichloropropane
 Concen: 19.305 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

Tgt Ion	75	Resp	133611
Ion Ratio	Lower	Upper	
75	100		
77	38.2	0.0	73.2



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





#73

Bromobenzene

Concen: 19.508 ug/l

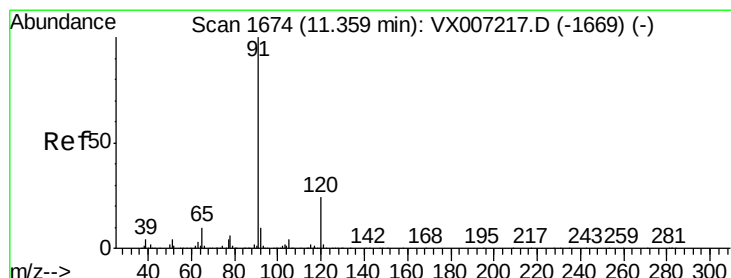
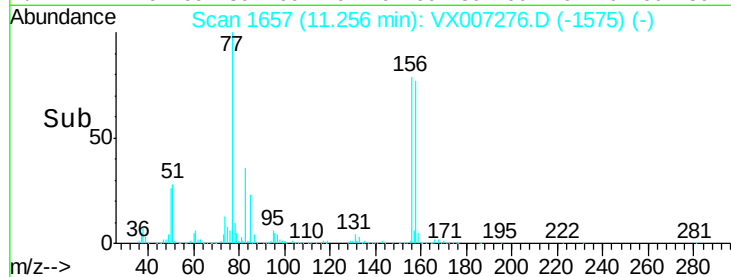
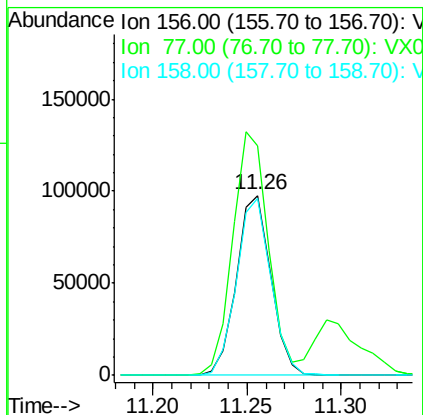
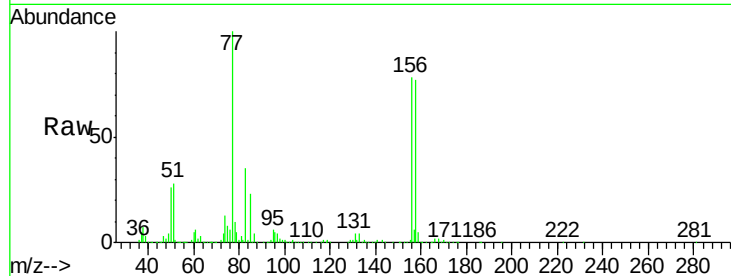
RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion:	156	Resp:	124146
Ion	Ratio	Lower	Upper
156	100		
77	138.7	0.0	267.0
158	98.3	0.0	194.6



#74

n-propylbenzene

Concen: 20.443 ug/l

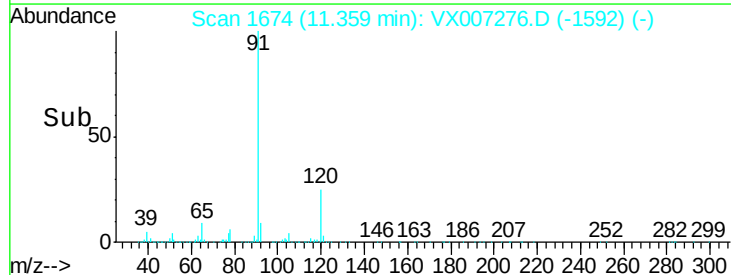
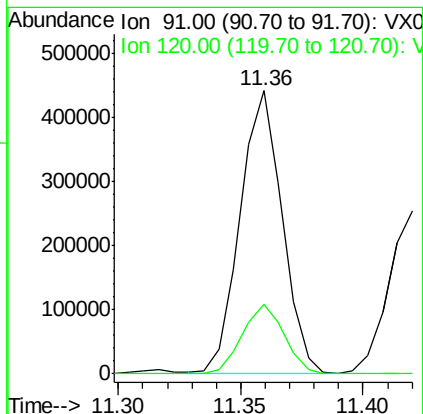
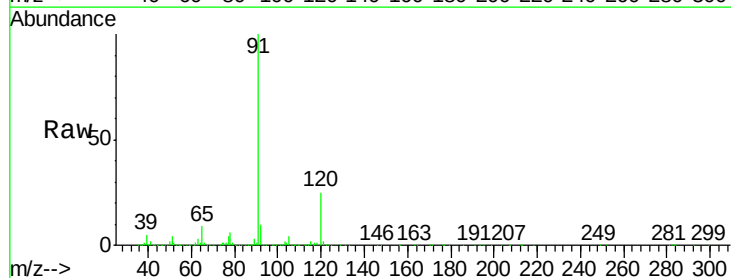
RT: 11.36 min Scan# 1674

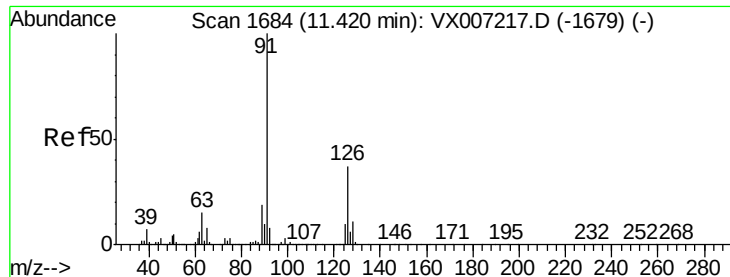
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion:	91	Resp:	528974
Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	48.0





#75

2-Chlorotoluene

Concen: 20.223 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007276.D

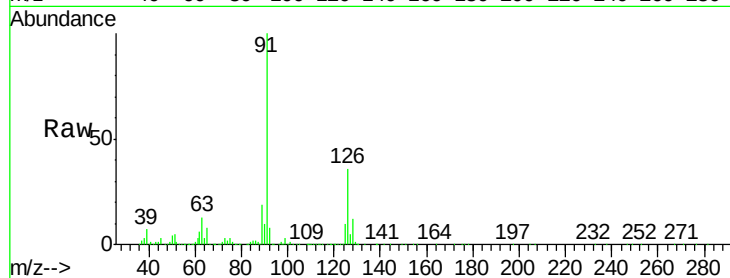
Acq: 29 Jan 2019 09:36

Tot Ion: 91 Resp: 310316

Ion Ratio Lower Upper

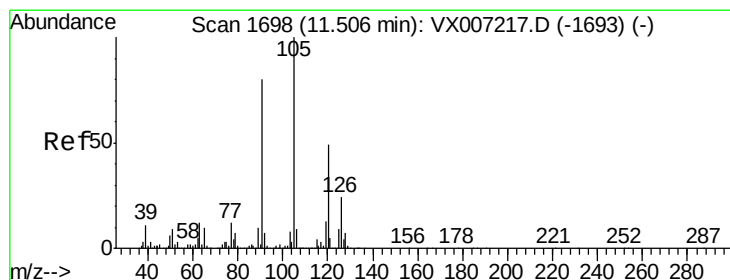
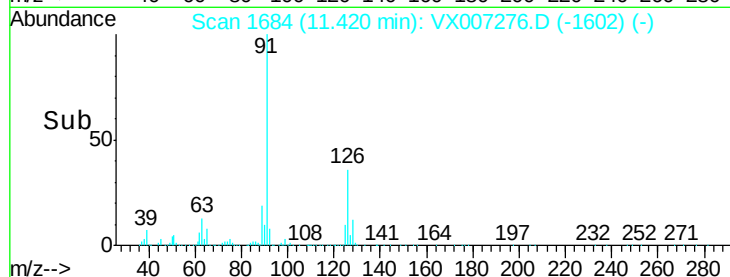
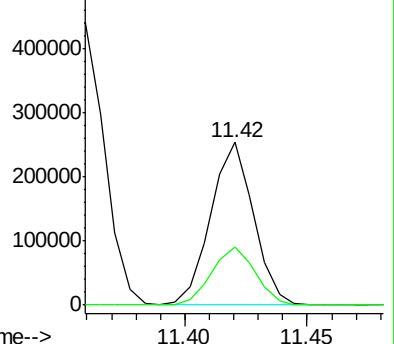
91 100

126 36.2 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: 19.949 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007276.D

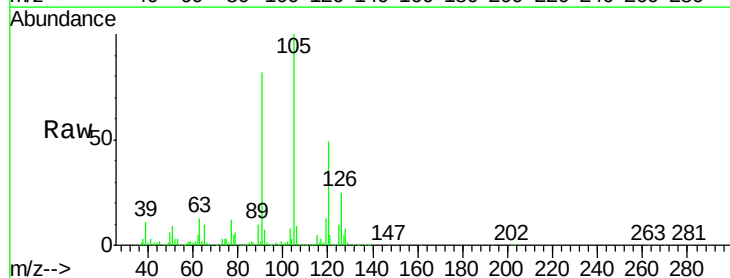
Acq: 29 Jan 2019 09:36

Tgt Ion:105 Resp: 382817

Ion Ratio Lower Upper

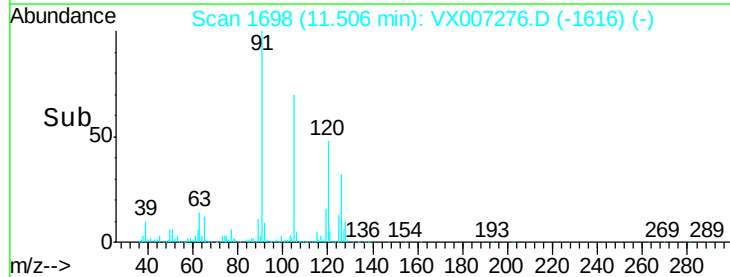
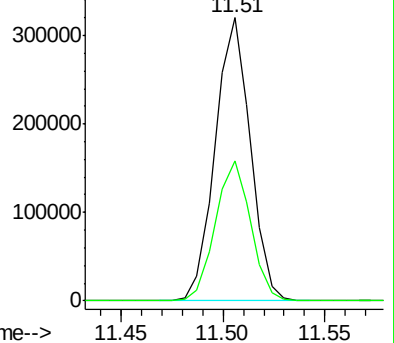
105 100

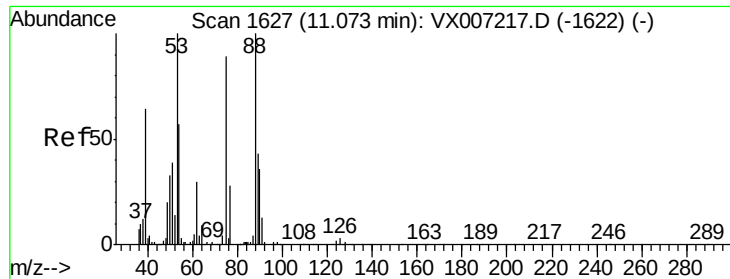
120 49.8 0.0 99.8



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: 16.845 ug/l

RT: 11.07 min Scan# 1627

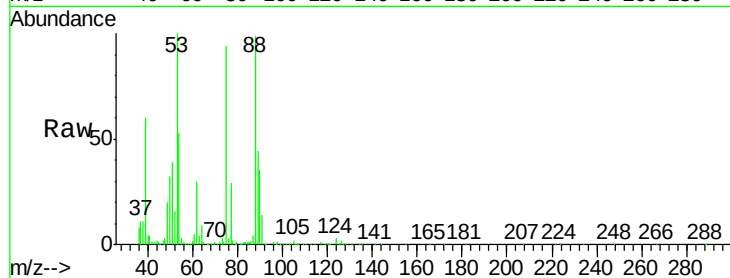
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion: 75 Resp: 33873

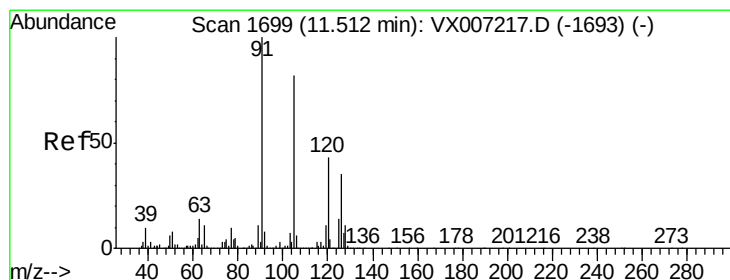
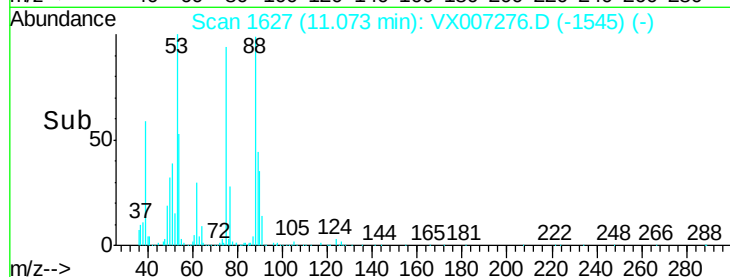
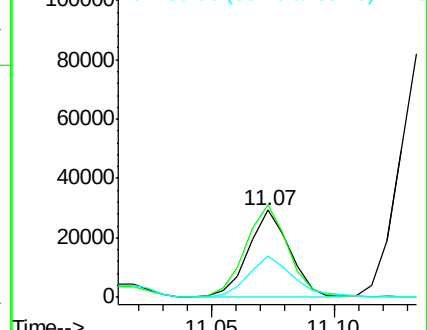
Ion	Ratio	Lower	Upper
75	100		
53	107.2	55.9	167.6
89	46.8	24.1	72.4



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: 19.884 ug/l

RT: 11.51 min Scan# 1699

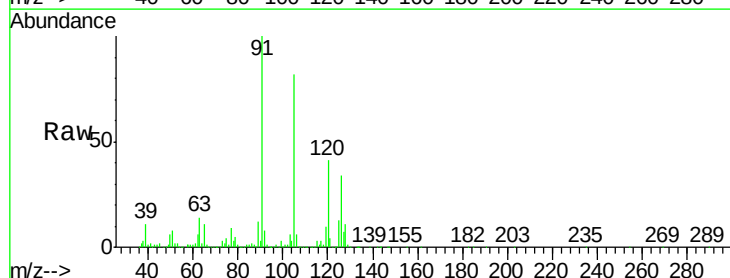
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

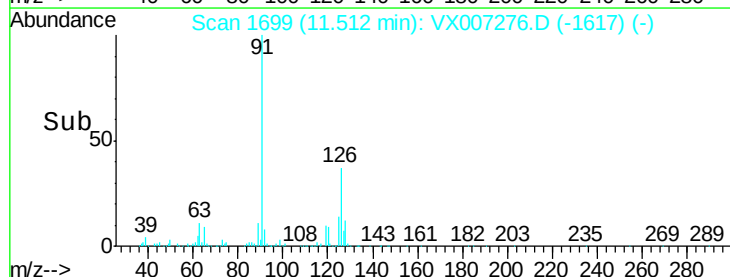
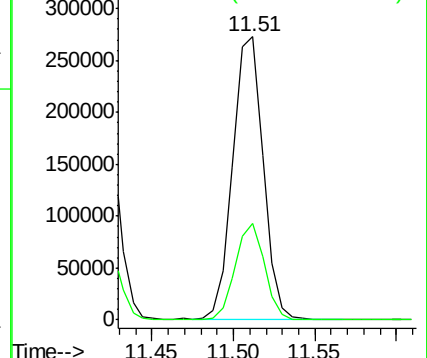
Tgt Ion: 91 Resp: 355258

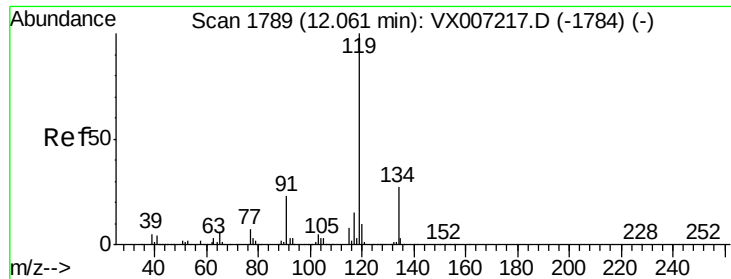
Ion	Ratio	Lower	Upper
91	100		
126	32.7	0.0	63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

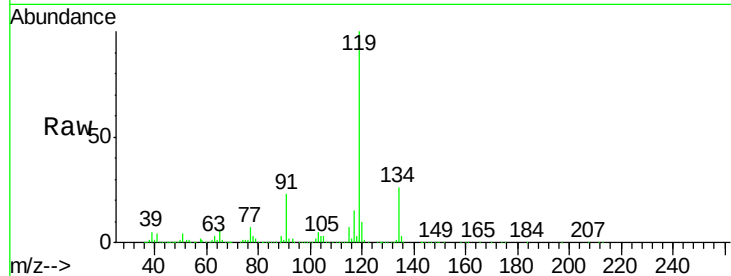
Ion 126.00 (125.70 to 126.70): V



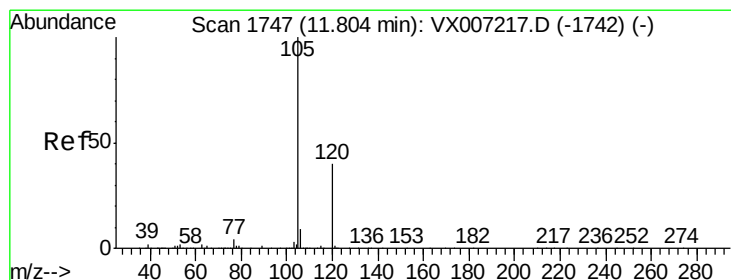
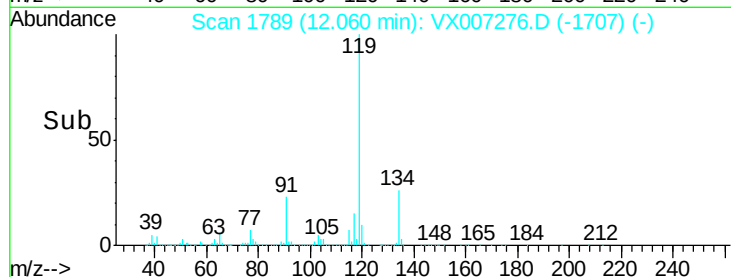
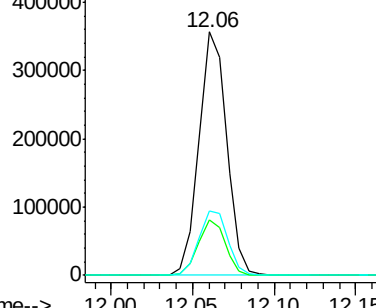


#79
tert-butylbenzene
Concen: 20.289 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

Tot Ion	Ratio	Lower	Upper
119	100		
91	22.5	0.0	45.0
134	27.2	0.0	55.8

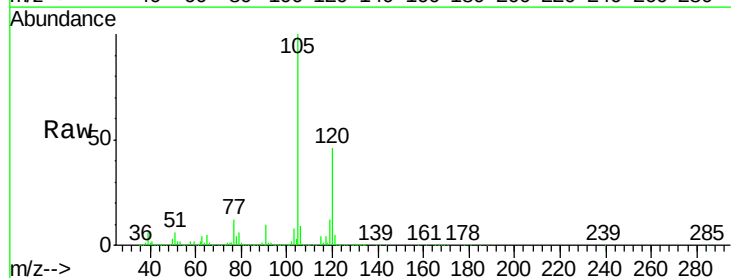


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

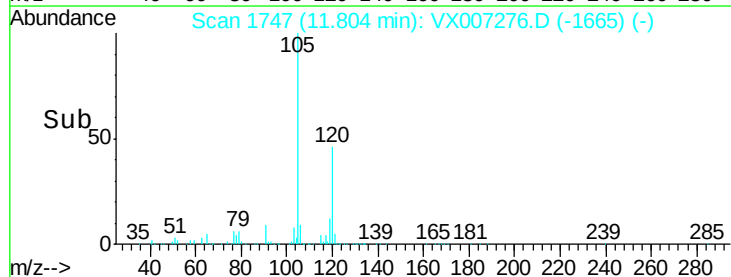
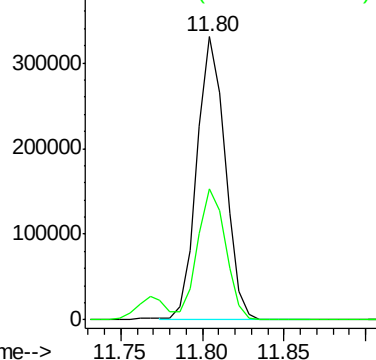


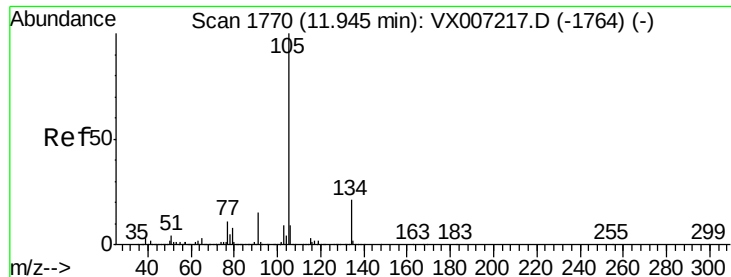
#80
1,2,4-Trimethylbenzene
Concen: 20.483 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	0.0	94.4



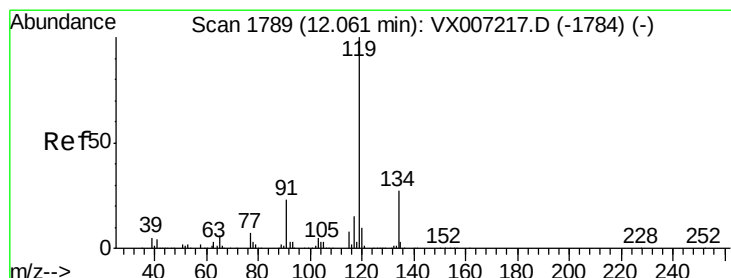
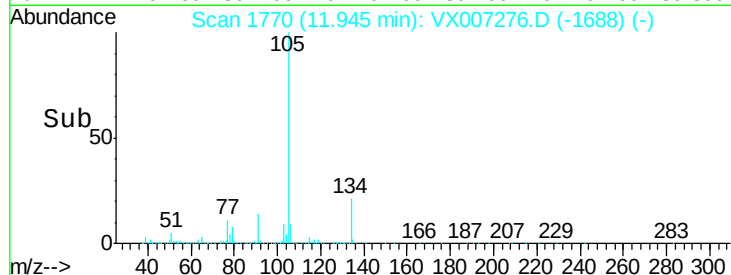
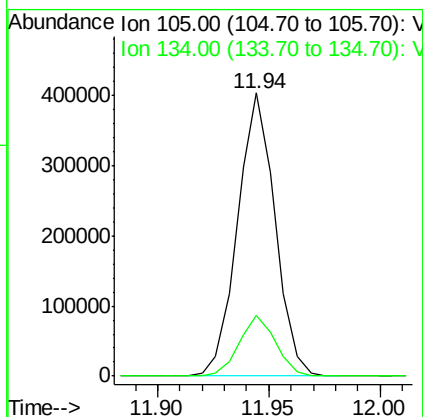
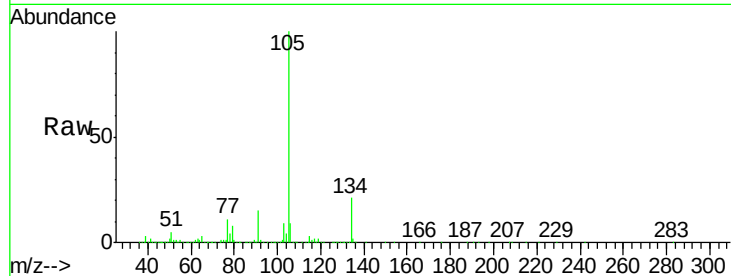
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





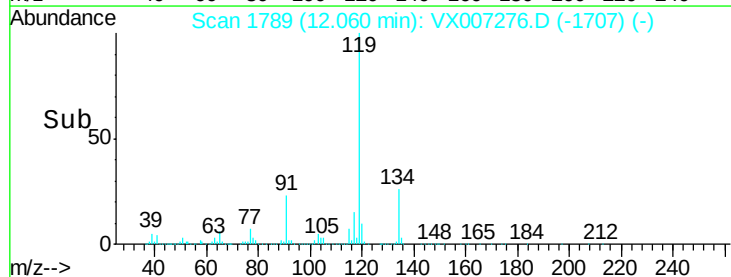
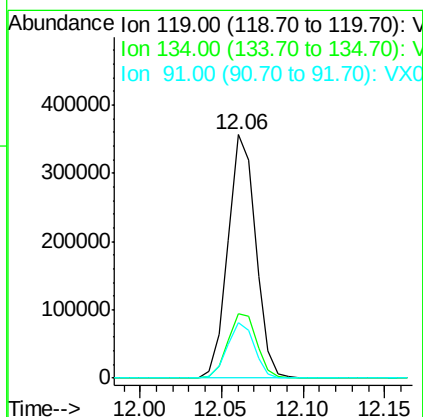
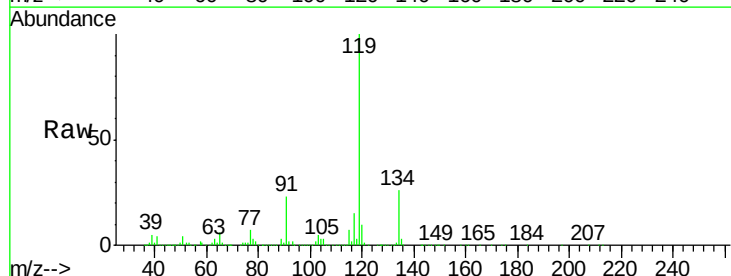
#81
 sec-Butylbenzene
 Concen: 20.406 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

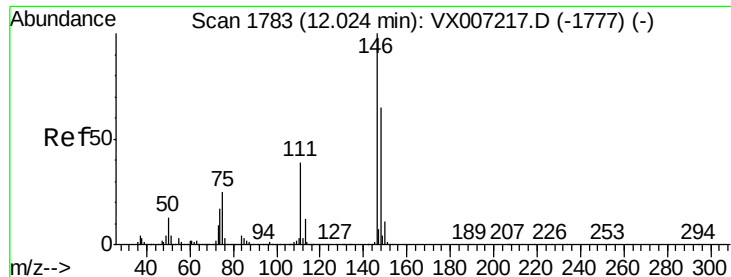
Tot Ion:105 Resp: 472180
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 42.2



#82
 p-Isopropyltoluene
 Concen: 20.289 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

Tgt Ion:119 Resp: 421241
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 55.8
 91 22.5 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 20.067 ug/l

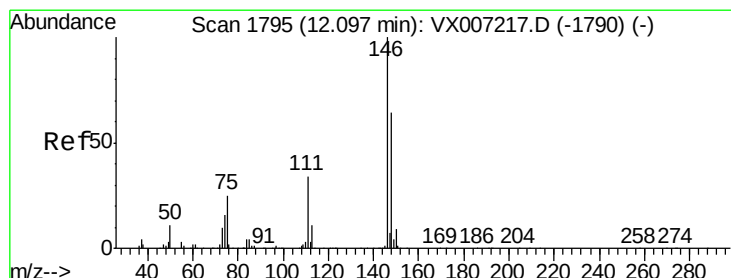
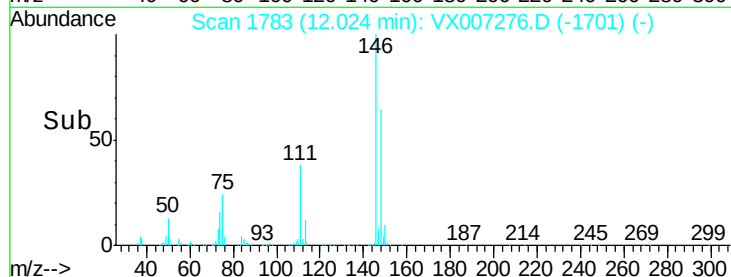
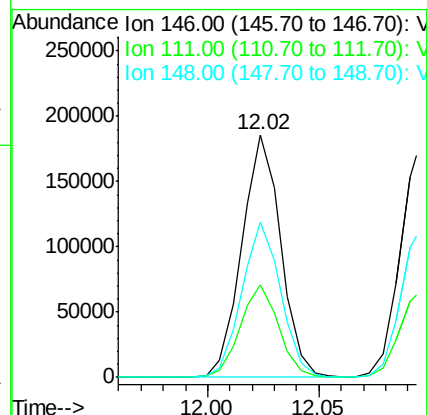
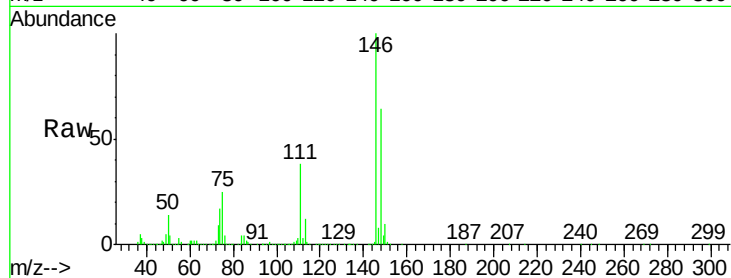
RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tot Ion:146	Resp:	227009	
Ion Ratio	Lower	Upper	
146	100		
111	37.5	19.0	57.0
148	63.7	31.6	94.7



#84

1,4-Dichlorobenzene

Concen: 20.078 ug/l

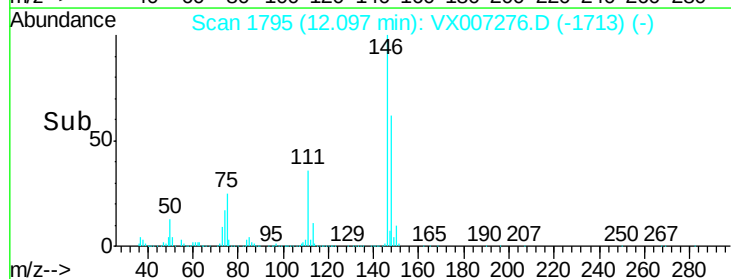
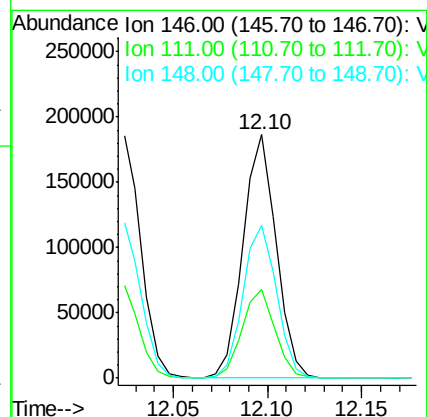
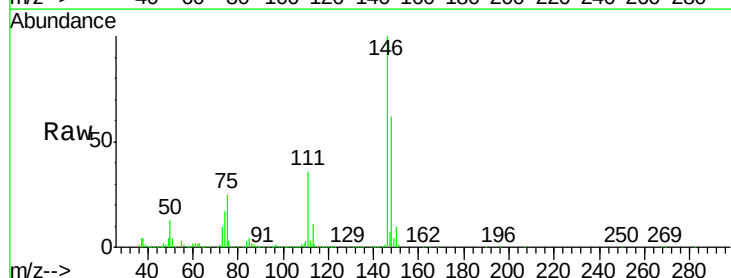
RT: 12.10 min Scan# 1795

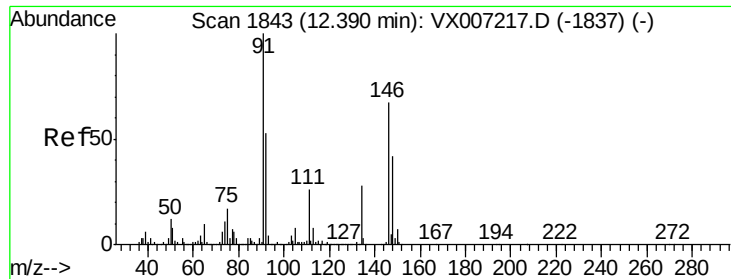
Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

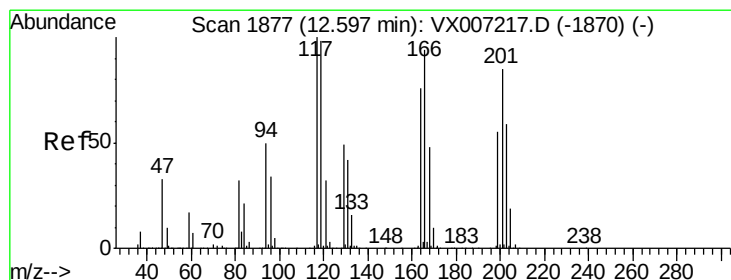
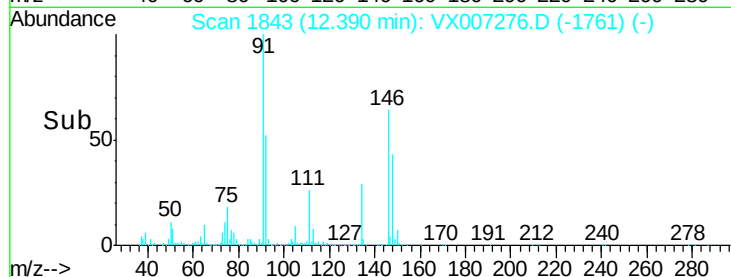
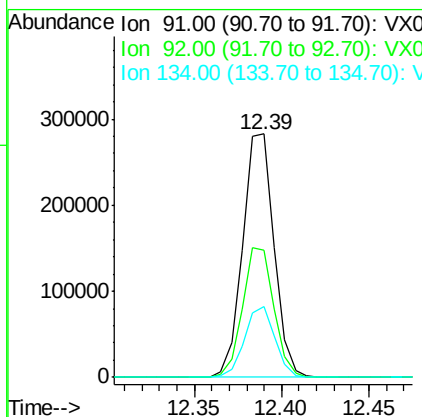
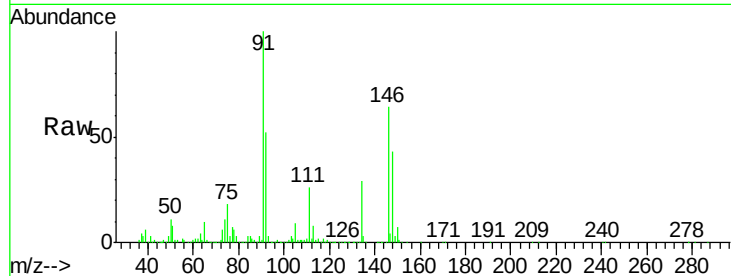
Tgt Ion:146	Resp: 227244
Ion Ratio	Lower Upper
146 100	
111 36.3	17.4 52.2
148 63.7	31.9 95.5





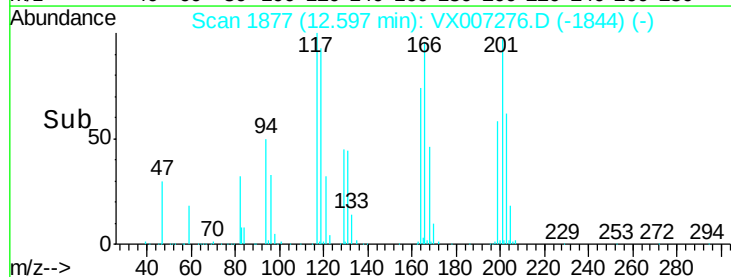
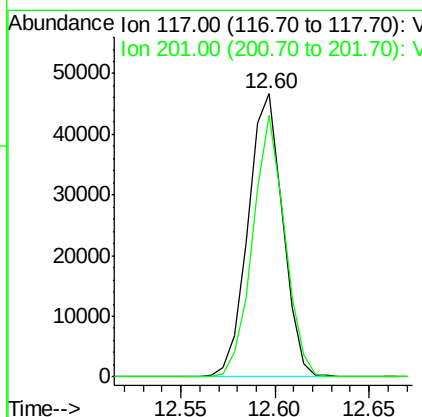
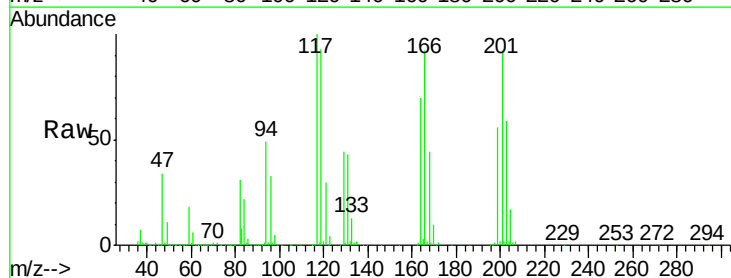
#85
n-Butylbenzene
Concen: 19.785 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

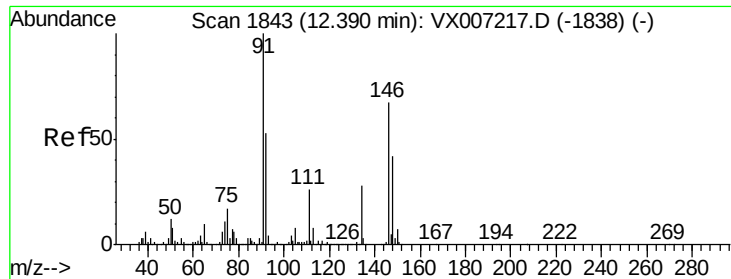
Tot Ion: 91 Resp: 352539
Ion Ratio Lower Upper
91 100
92 53.2 0.0 106.2
134 28.1 0.0 55.4



#86
Hexachloroethane
Concen: 18.617 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007276.D
Acq: 29 Jan 2019 09:36

Tgt Ion: 117 Resp: 59762
Ion Ratio Lower Upper
117 100
201 85.1 41.6 124.8





#87

1,2-Dichlorobenzene

Concen: 19.837 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

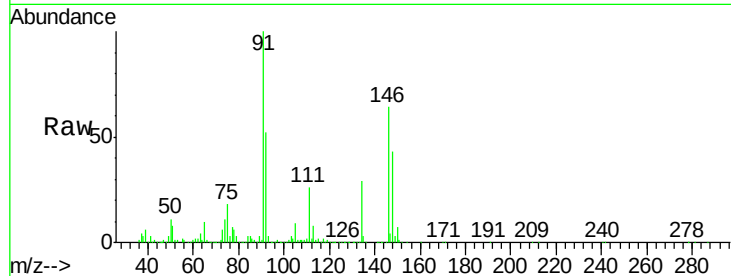
Tot Ion:146 Resp: 223441

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

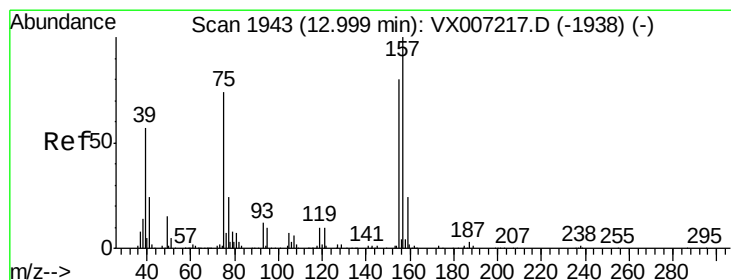
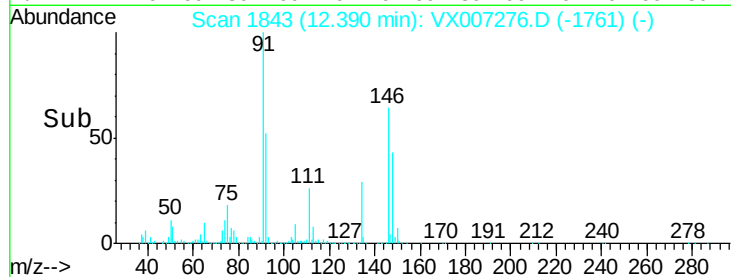
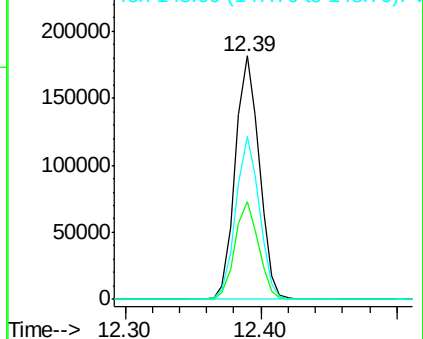
148 65.8 32.0 96.0



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: 18.199 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

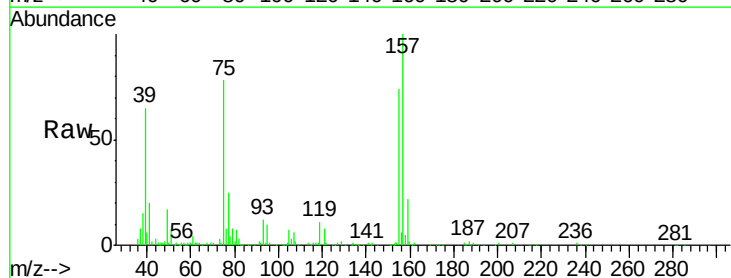
Tgt Ion: 75 Resp: 27307

Ion Ratio Lower Upper

75 100

155 97.4 82.8 124.2

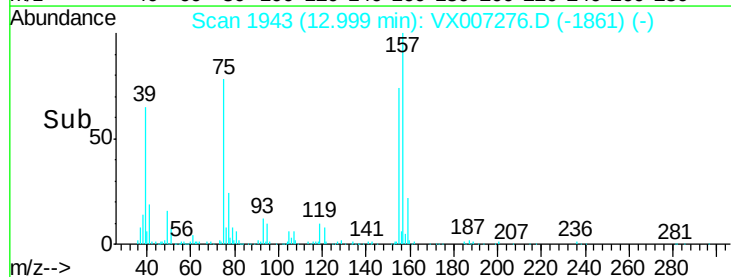
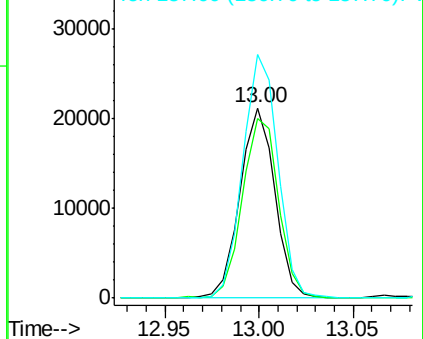
157 128.1 106.9 160.3

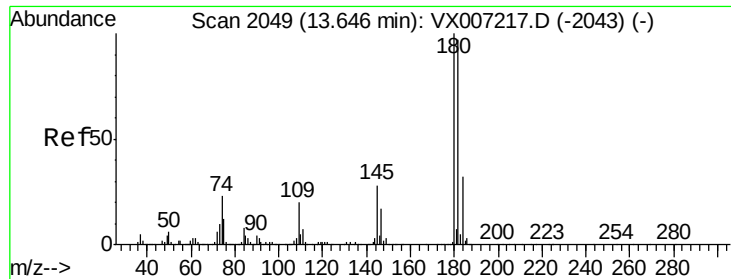


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

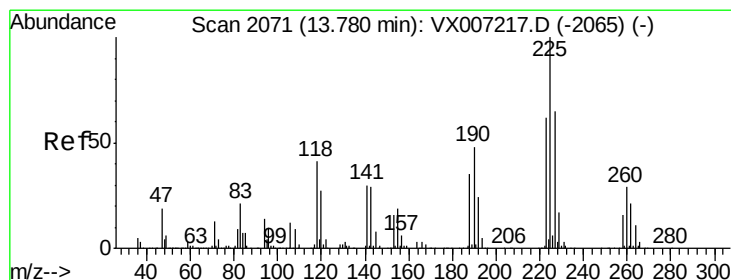
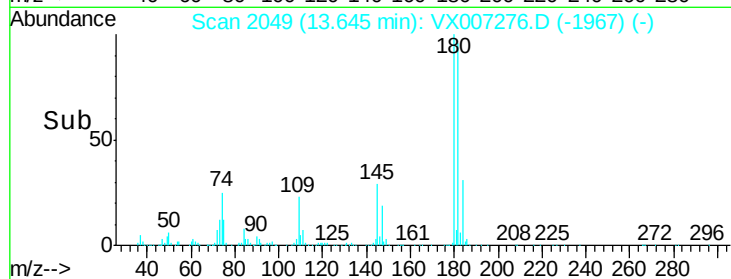
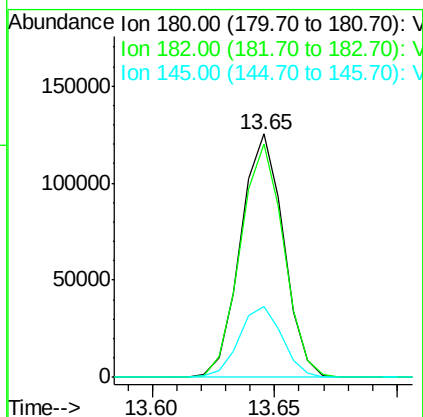
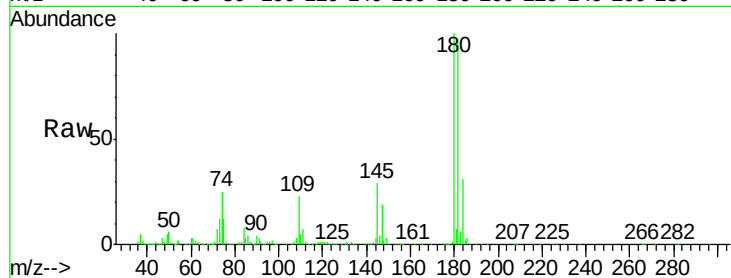
Ion 157.00 (156.70 to 157.70): V





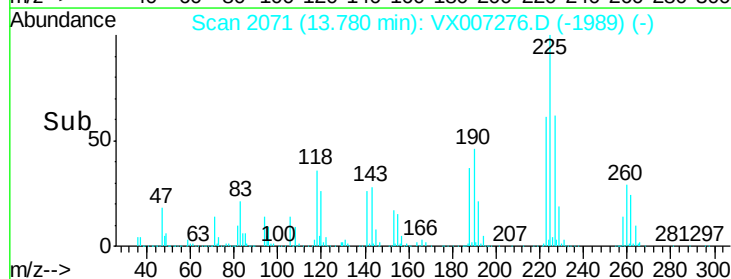
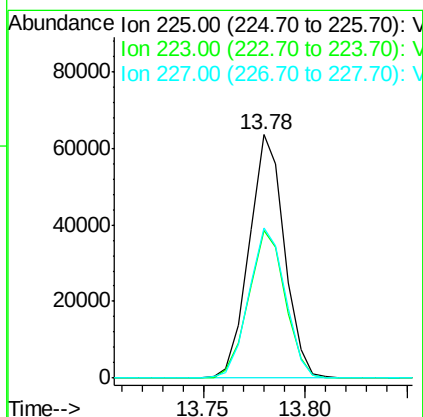
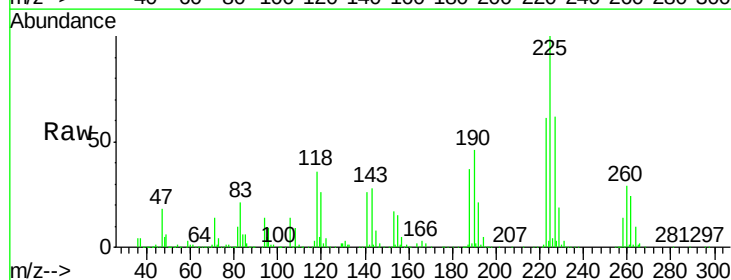
#89
 1,2,4-Trichlorobenzene
 Concen: 19.820 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

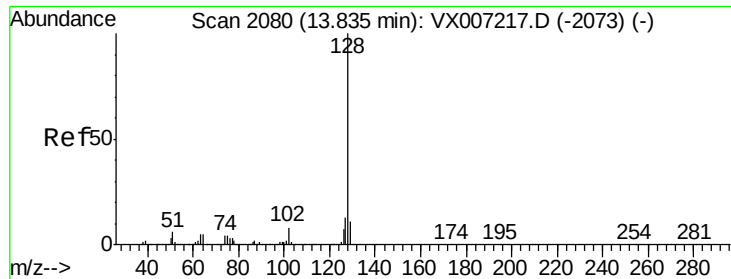
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.7	115.1
145	29.1	23.1	34.7



#90
 Hexachlorobutadiene
 Concen: 20.699 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007276.D
 Acq: 29 Jan 2019 09:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	124.6
227	63.6	0.0	128.2





#91

Naphthalene

Concen: 19.481 ug/l

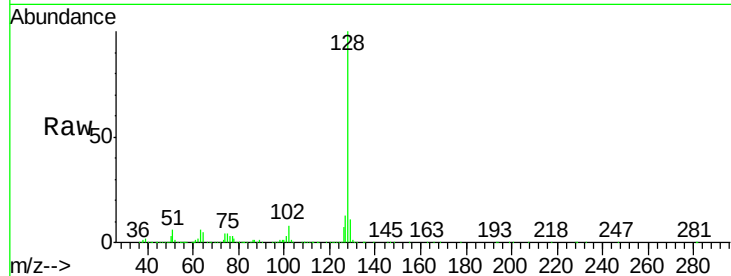
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

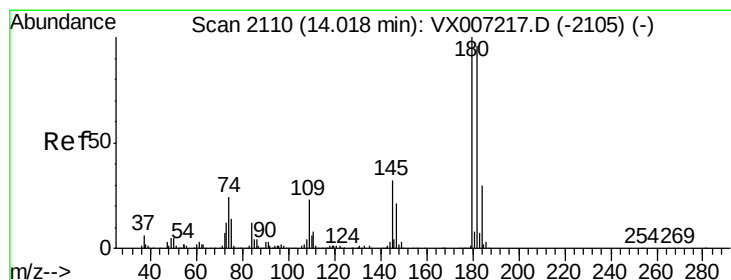
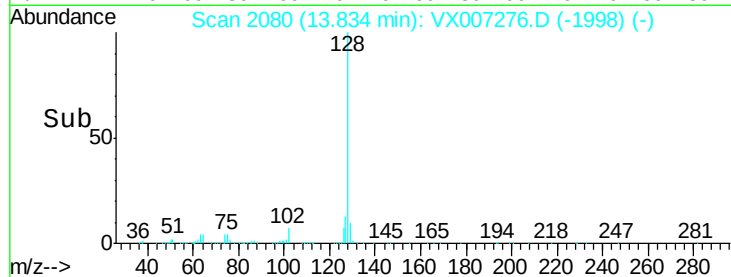
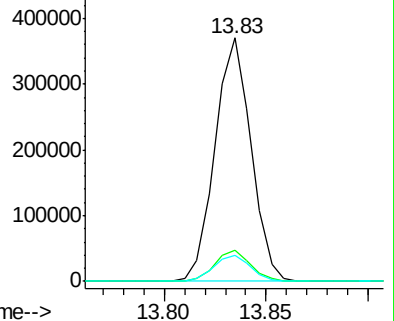
Tot Ion:128	Resp:	456015
Ion	Ratio	Lower Upper
128	100	
127	12.8	10.6 16.0
129	10.9	8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 20.191 ug/l

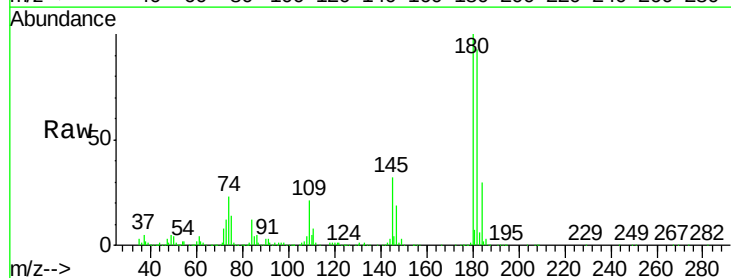
RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007276.D

Acq: 29 Jan 2019 09:36

Tgt Ion:180	Resp:	154814
Ion	Ratio	Lower Upper
180	100	
182	95.4	0.0 187.6
145	31.0	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

