

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055664.D
 Acq On : 20 May 2019 11:13
 Operator : JC/SP
 Sample : VN0520WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 04:43:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	332543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	489907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	428816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	167298	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	7.59	113	155921	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.09	98	578246	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	198450	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	44742	17.487	ug/l 99
3) Chloromethane	2.06	50	59609	17.467	ug/l 99
4) Vinyl Chloride	2.18	62	65773	17.798	ug/l 97
5) Bromomethane	2.53	94	43774	18.587	ug/l 99
6) Chloroethane	2.69	64	38667	18.845	ug/l 100
7) Trichlorofluoromethane	3.02	101	86978	18.367	ug/l 99
8) Diethyl Ether	3.41	74	36896	19.394	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	54120	18.746	ug/l 99
10) Methyl Iodide	3.96	142	76234	18.316	ug/l 99
11) Tert butyl alcohol	4.77	59	71785	105.598	ug/l 98
12) 1,1-Dichloroethene	3.74	96	55960	18.426	ug/l 98
13) Acrolein	3.61	56	33051	96.158	ug/l 96
14) Allyl chloride	4.33	41	92348	18.836	ug/l 98
15) Acrylonitrile	4.99	53	152704	100.966	ug/l 99
16) Acetone	3.81	43	132718	89.214	ug/l 99
17) Carbon Disulfide	4.06	76	147536	17.475	ug/l 100
18) Methyl Acetate	4.32	43	63920	20.042	ug/l 97
19) Methyl tert-butyl Ether	5.05	73	189041	18.816	ug/l 98
20) Methylene Chloride	4.55	84	62142	18.304	ug/l 97
21) trans-1,2-Dichloroethene	5.04	96	59571	18.413	ug/l 97
22) Diisopropyl ether	5.95	45	176844	18.203	ug/l 97
23) Vinyl Acetate	5.90	43	779901	94.608	ug/l 98
24) 1,1-Dichloroethane	5.85	63	106481	18.693	ug/l 99
25) 2-Butanone	6.83	43	205768	98.925	ug/l 99
26) 2,2-Dichloropropane	6.82	77	88417	17.489	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	70859	18.809	ug/l 97
28) Bromochloromethane	7.20	49	46688	18.839	ug/l 96
29) Tetrahydrofuran	7.21	42	135191	98.103	ug/l 98
30) Chloroform	7.37	83	108085	18.485	ug/l 98
31) Cyclohexane	7.66	56	97837	18.097	ug/l 95
32) 1,1,1-Trichloroethane	7.57	97	96408	18.382	ug/l 99
36) 1,1-Dichloropropene	7.80	75	79682	18.243	ug/l 98
37) Ethyl Acetate	6.93	43	81869	20.771	ug/l 98
38) Carbon Tetrachloride	7.78	117	86460	18.524	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

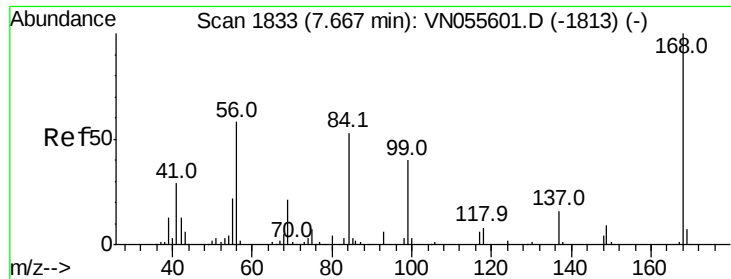
39) Methylcyclohexane	9.08	83	97071	18.436	ug/l	98
40) Benzene	8.04	78	249440	19.416	ug/l	100
41) Methacrylonitrile	7.17	41	35067m	20.810	ug/l	
42) 1,2-Dichloroethane	8.13	62	81352	19.555	ug/l	100
43) Isopropyl Acetate	8.16	43	134028	19.549	ug/l	99
44) Trichloroethene	8.84	130	72438	19.982	ug/l	96
45) 1,2-Dichloropropane	9.12	63	65535	19.364	ug/l	99
46) Dibromomethane	9.21	93	44540	20.107	ug/l	98
47) Bromodichloromethane	9.40	83	86210	18.570	ug/l	99
48) Methyl methacrylate	9.20	41	60927	19.882	ug/l	97
49) 1,4-Dioxane	9.20	88	29972	492.210	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	405736	100.888	ug/l	99
52) Toluene	10.16	92	157226	19.512	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	95335	19.080	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	105191	19.217	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	64913	19.568	ug/l	99
56) Ethyl methacrylate	10.43	69	101128	19.529	ug/l	97
57) 1,3-Dichloropropane	10.71	76	103354	19.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	216980	98.613	ug/l	98
59) 2-Hexanone	10.75	43	289019	102.074	ug/l	98
60) Dibromochloromethane	10.90	129	75165	19.992	ug/l	99
61) 1,2-Dibromoethane	11.01	107	67333	20.286	ug/l	99
64) Tetrachloroethene	10.63	164	68748	20.326	ug/l	98
65) Chlorobenzene	11.43	112	169757	19.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	71679	20.543	ug/l	97
67) Ethyl Benzene	11.51	91	302400	19.572	ug/l	99
68) m/p-Xylenes	11.62	106	232931	39.921	ug/l	97
69) o-Xylene	11.95	106	114617	20.084	ug/l	96
70) Styrene	11.96	104	193325	20.374	ug/l	97
71) Bromoform	12.13	173	61510	20.802	ug/l #	98
73) Isopropylbenzene	12.25	105	303158	17.937	ug/l	99
74) N-amyl acetate	12.07	43	111528	17.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	92583	17.762	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	86834m	19.191	ug/l	
77) Bromobenzene	12.53	156	1060845	232.947	ug/l #	1
78) n-propylbenzene	12.59	91	325716	16.541	ug/l	98
79) 2-Chlorotoluene	12.67	91	198819	17.782	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	270927	19.120	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	28237	16.042	ug/l	98
82) 4-Chlorotoluene	12.77	91	192265	16.571	ug/l	97
83) tert-Butylbenzene	12.99	119	220212	17.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	249718	17.686	ug/l	99
85) sec-Butylbenzene	13.17	105	286165	17.932	ug/l	100
86) p-Isopropyltoluene	13.29	119	266556	18.201	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	129202	17.159	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	125470	17.452	ug/l	99
89) n-Butylbenzene	13.61	91	209009	17.177	ug/l	99
90) Hexachloroethane	13.88	117	49400	17.321	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	129173	17.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20887	20.756	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	74869	19.596	ug/l	99
94) Hexachlorobutadiene	15.01	225	44756	17.515	ug/l	99
95) Naphthalene	15.13	128	245105	22.271	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	78492	19.648	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055664.D

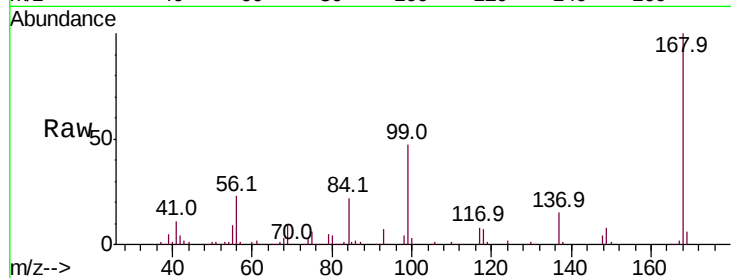
Acq: 20 May 2019 11:13

Tot Ion:168 Resp: 332543

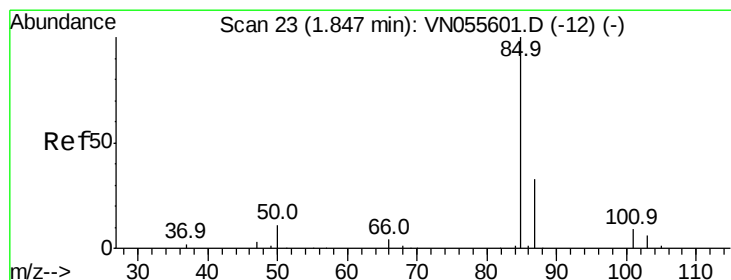
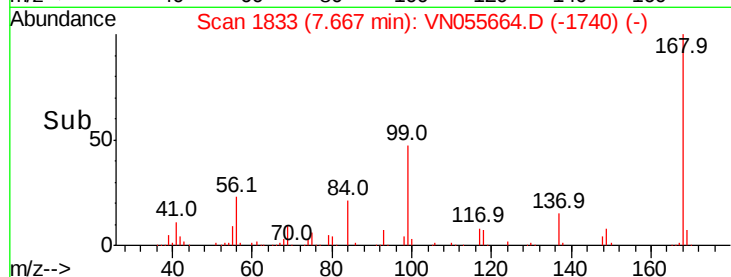
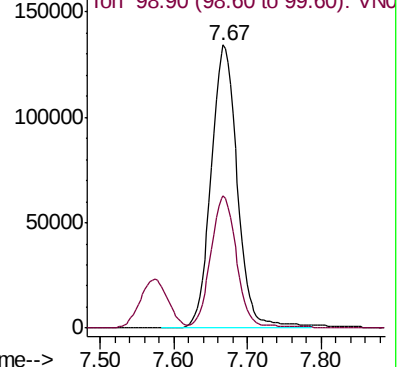
Ion Ratio Lower Upper

168 100

99 46.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)



#2

Dichlorodifluoromethane

Concen: 17.487 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055664.D

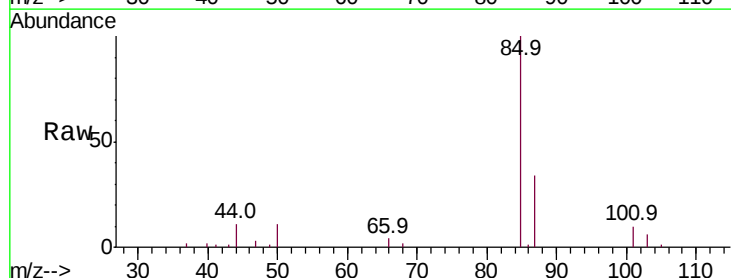
Acq: 20 May 2019 11:13

Tgt Ion: 85 Resp: 44742

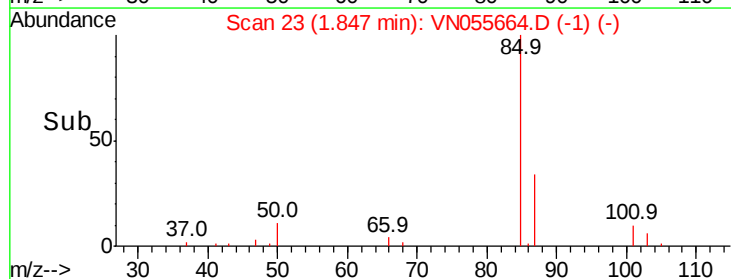
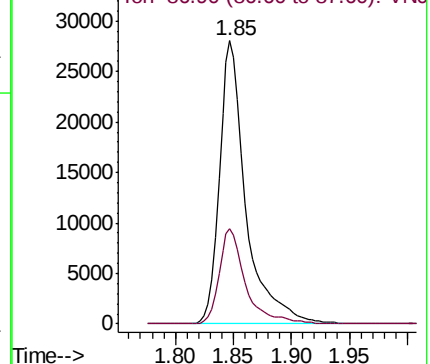
Ion Ratio Lower Upper

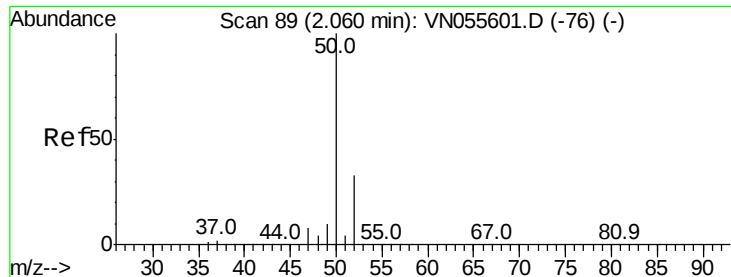
85 100

87 33.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055601.D (-12) (-)





#3

Chloromethane

Concen: 17.467 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055664.D

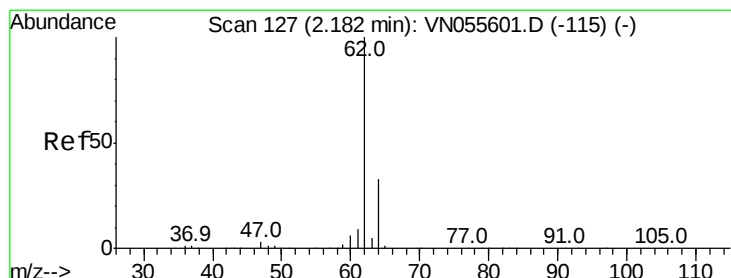
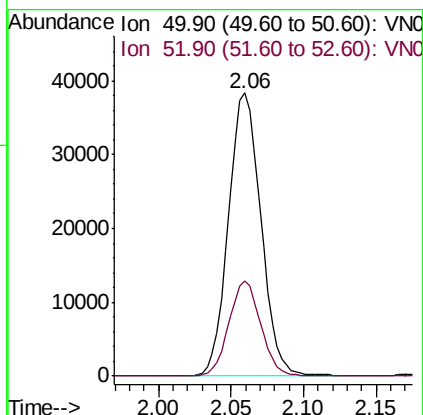
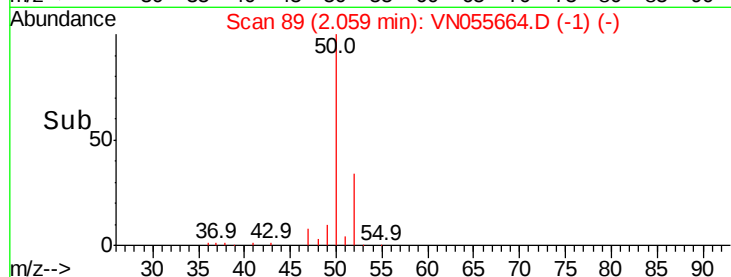
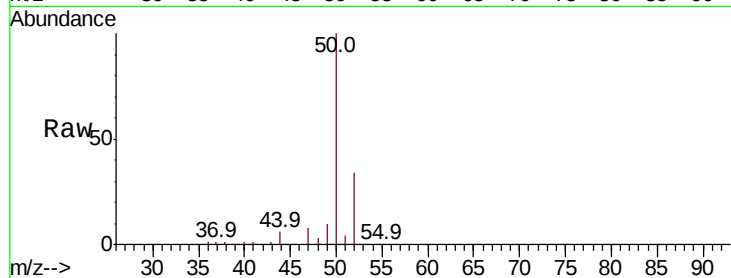
Acq: 20 May 2019 11:13

Tot Ion: 50 Resp: 59609

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 17.798 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055664.D

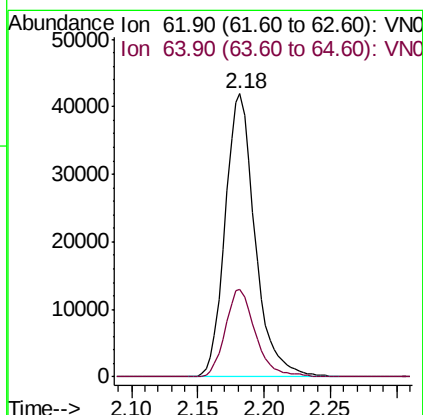
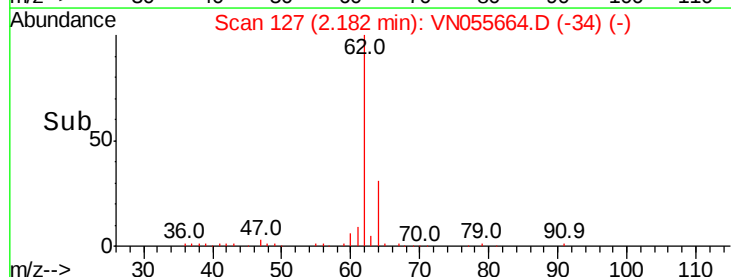
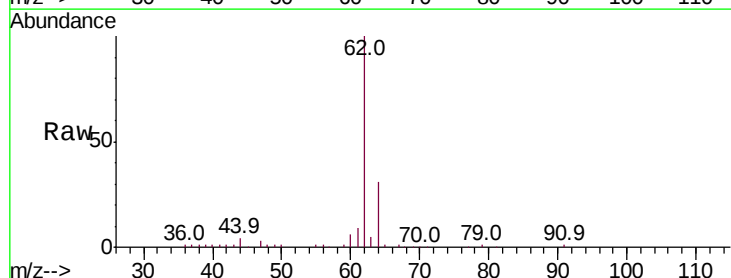
Acq: 20 May 2019 11:13

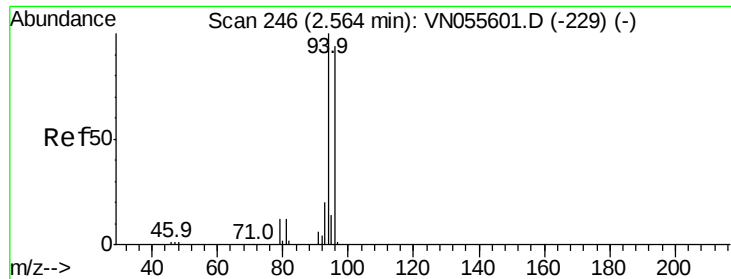
Tgt Ion: 62 Resp: 65773

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.4





#5

Bromomethane

Concen: 18.587 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.04 min

Lab File: VN055664.D

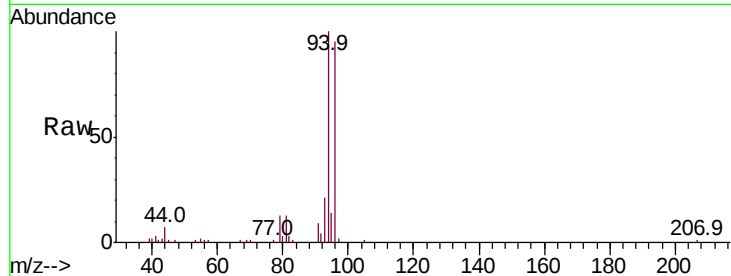
Acq: 20 May 2019 11:13

Tot Ion: 94 Resp: 43774

Ion Ratio Lower Upper

94 100

96 94.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

10000

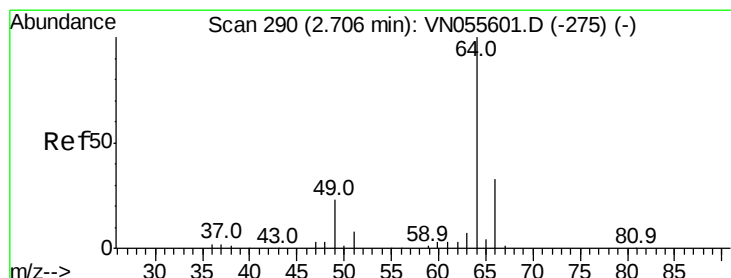
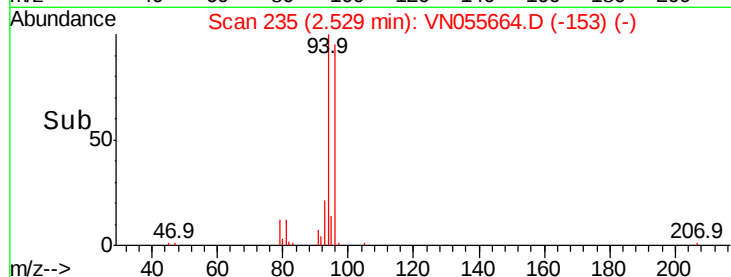
5000

0

Time-->

2.45 2.50 2.55 2.60

2.53



#6

Chloroethane

Concen: 18.845 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.02 min

Lab File: VN055664.D

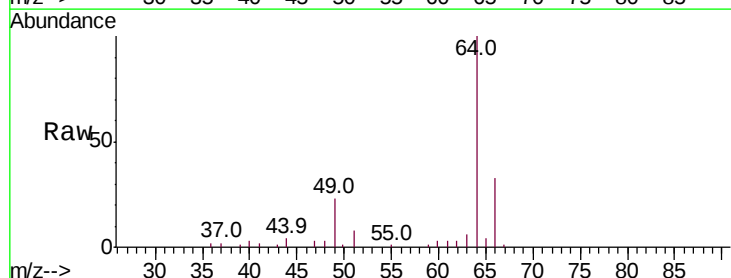
Acq: 20 May 2019 11:13

Tgt Ion: 64 Resp: 38667

Ion Ratio Lower Upper

64 100

66 33.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

15000

10000

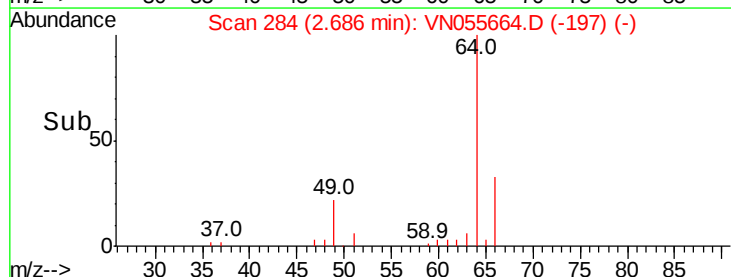
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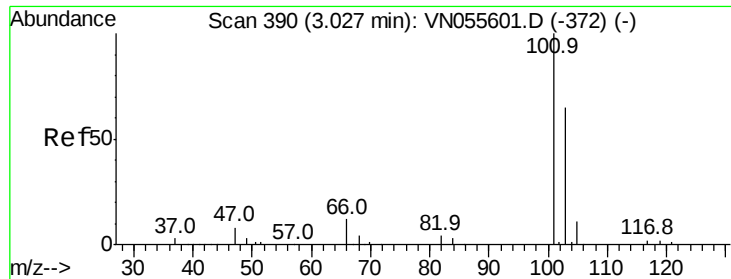
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Time-->

2.60 2.70 2.80

2.69

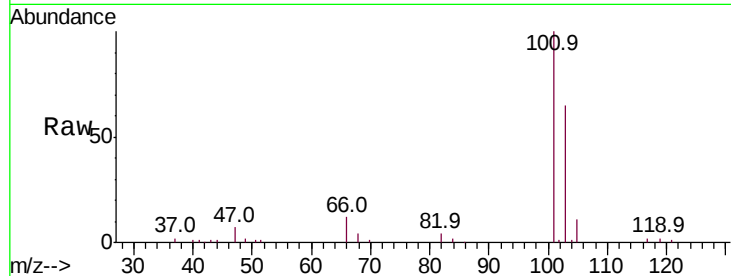




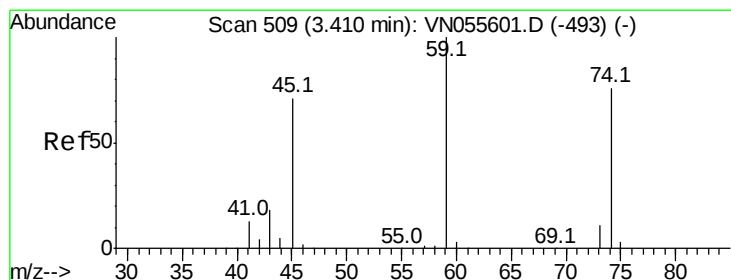
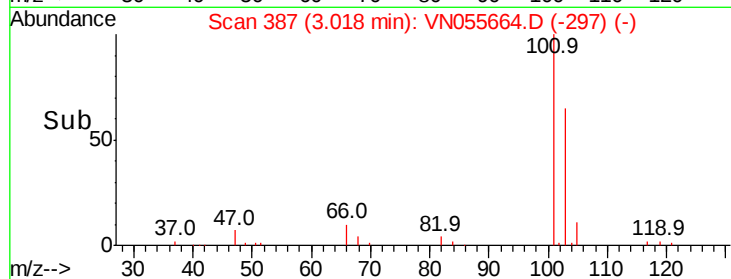
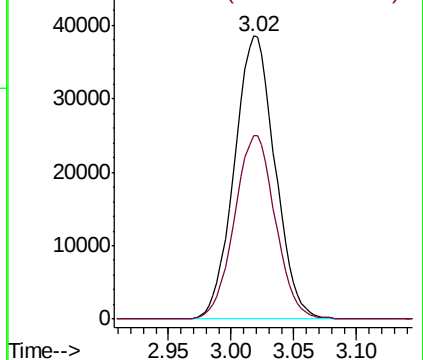
#7

Trichlorofluoromethane
 Concen: 18.367 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion:101 Resp: 86978
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5



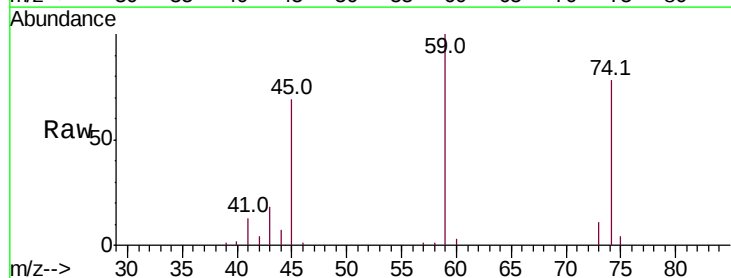
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



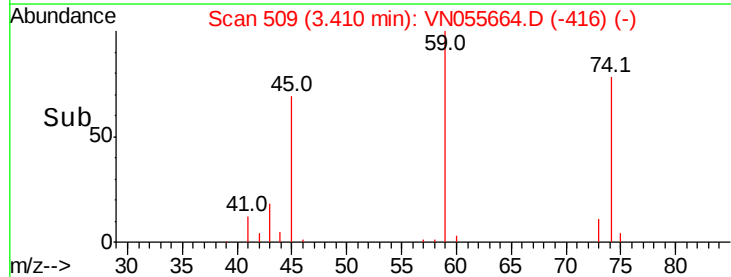
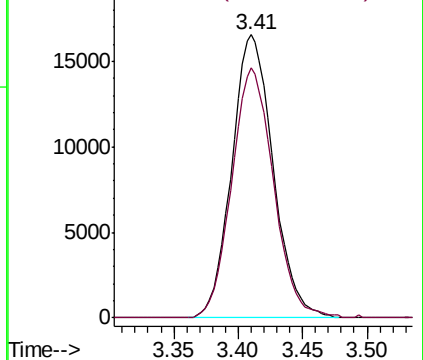
#8

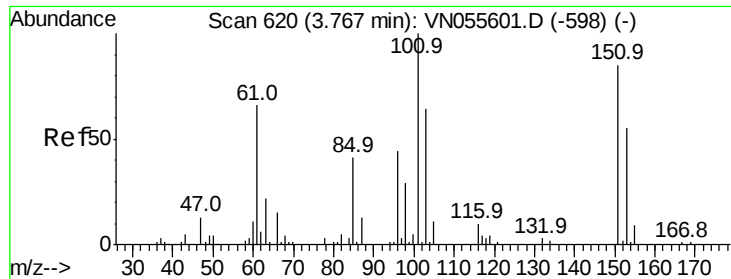
Diethyl Ether
 Concen: 19.394 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 74 Resp: 36896
 Ion Ratio Lower Upper
 74 100
 45 89.3 46.4 139.2



Abundance Ion 74.00 (73.70 to 74.70): V
 Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.746 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

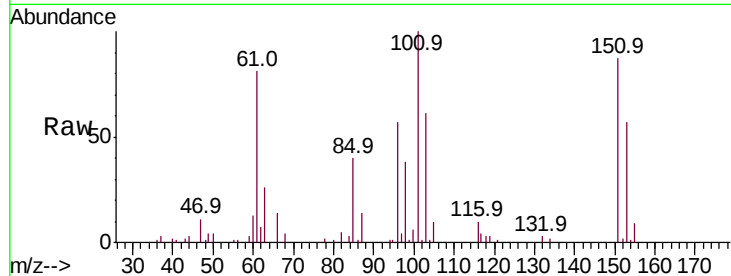
Tot Ion:101 Resp: 54120

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

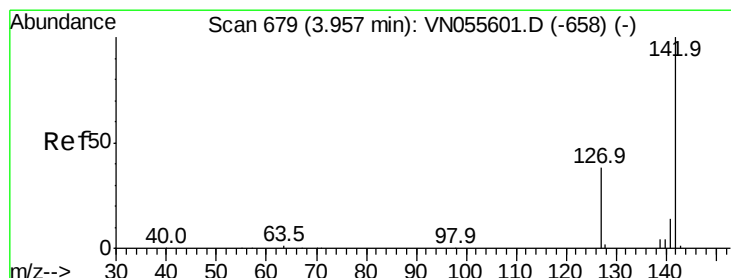
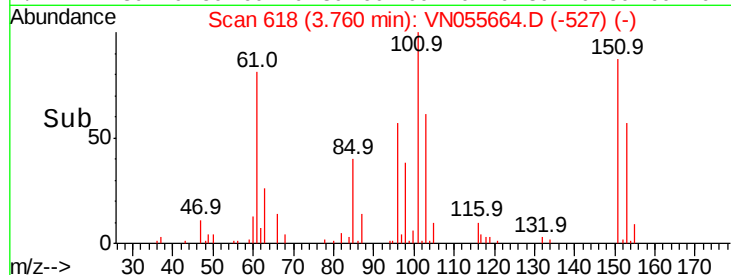
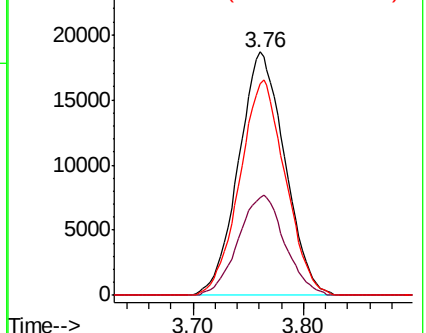
151 87.2 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.316 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

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Acq: 20 May 2019 11:13

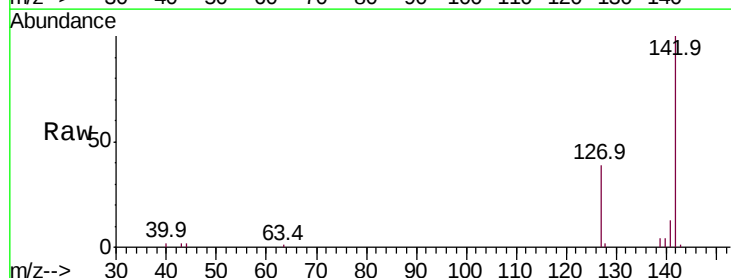
Tgt Ion:142 Resp: 76234

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

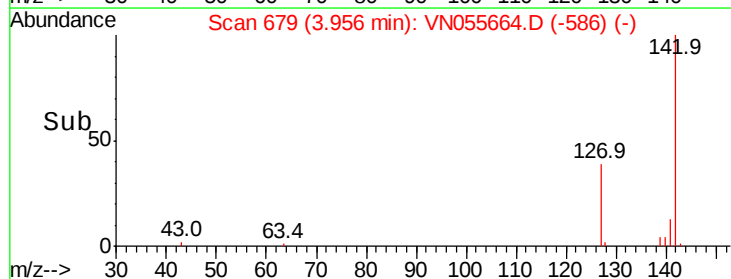
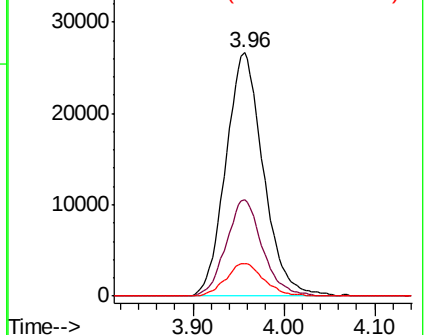
141 13.5 11.5 17.3

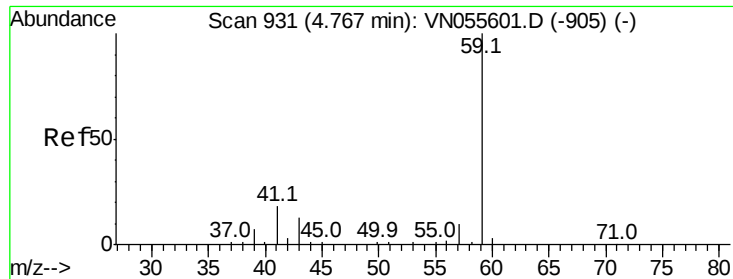


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

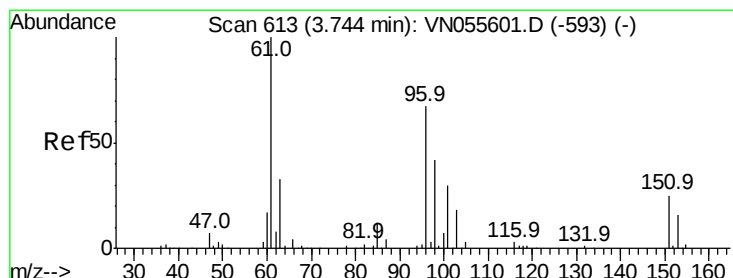
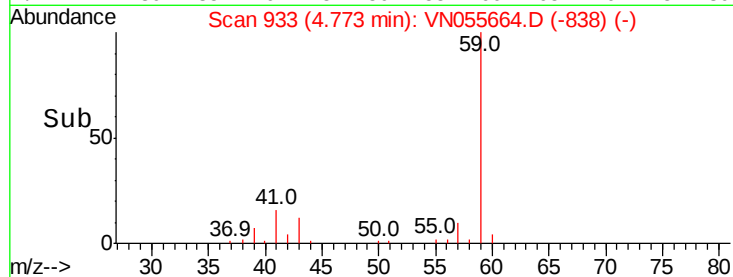
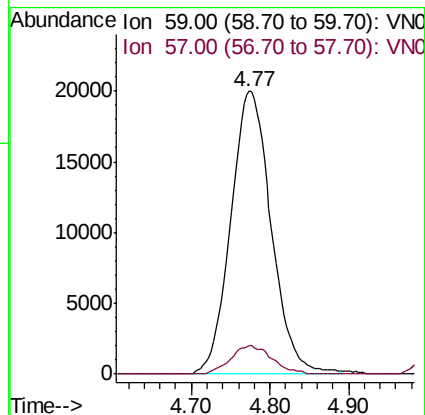
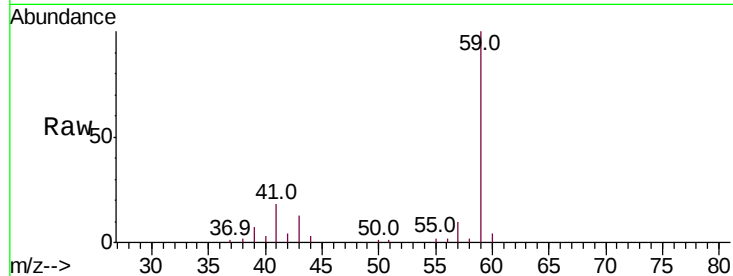




#11

Tert butyl alcohol
 Concen: 105.598 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

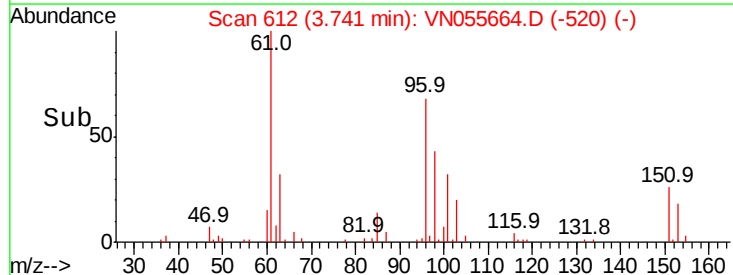
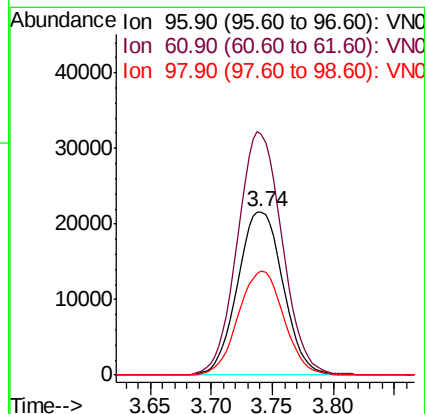
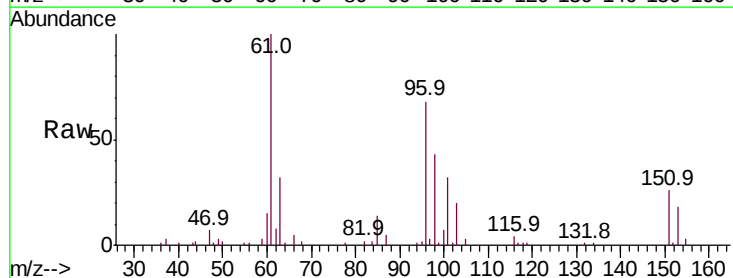
Tot Ion: 59 Resp: 71785
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

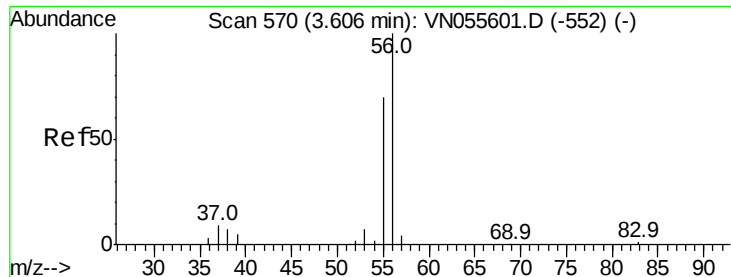


#12

1,1-Dichloroethene
 Concen: 18.426 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 96 Resp: 55960
 Ion Ratio Lower Upper
 96 100
 61 147.5 120.2 180.2
 98 64.0 50.6 75.8





#13

Acrolein

Concen: 96.158 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055664.D

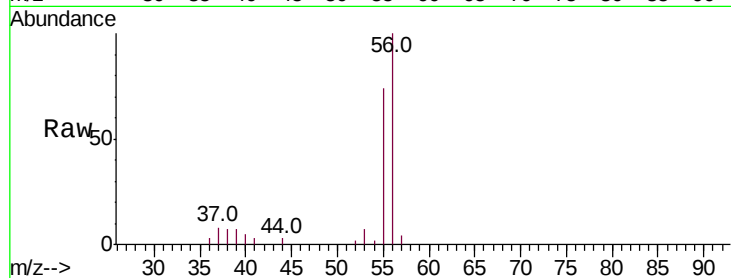
Acq: 20 May 2019 11:13

Tot Ion: 56 Resp: 33051

Ion Ratio Lower Upper

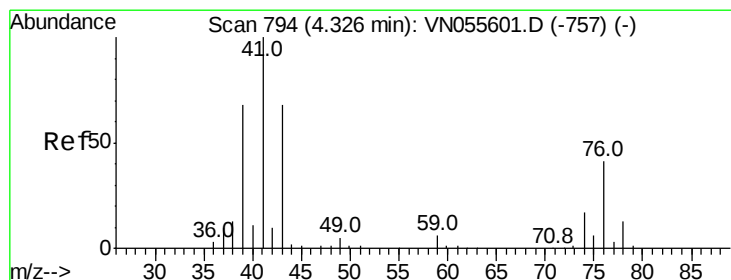
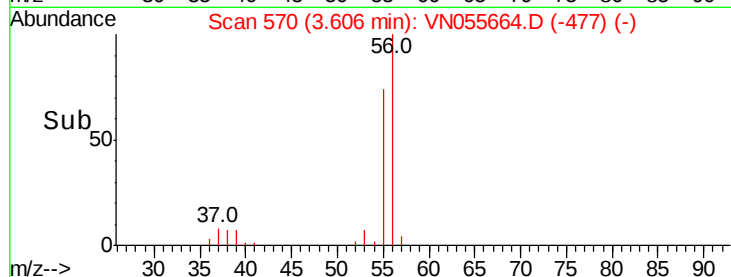
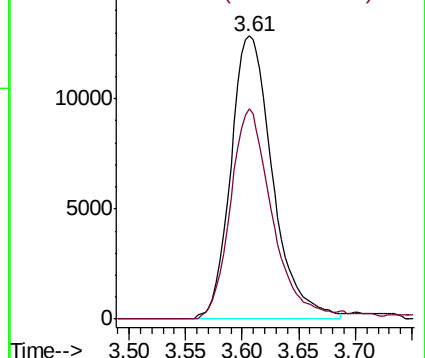
56 100

55 73.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.836 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

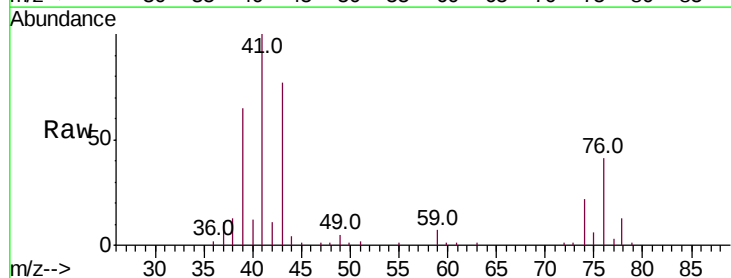
Tgt Ion: 41 Resp: 92348

Ion Ratio Lower Upper

41 100

39 60.6 50.5 75.7

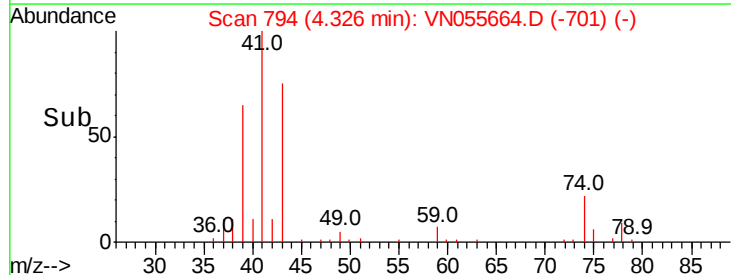
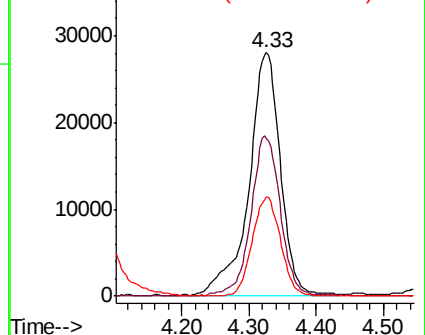
76 36.0 29.2 43.8

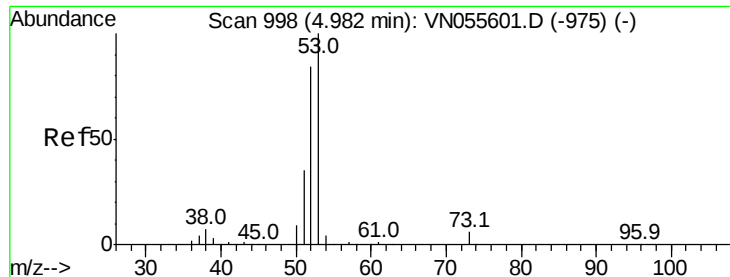


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 100.966 ug/l

RT: 4.99 min Scan# 999

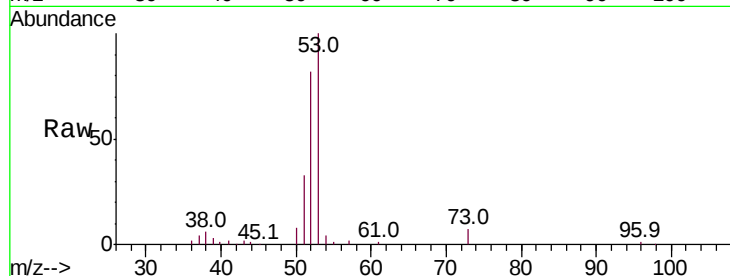
Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion: 53 Resp: 152704

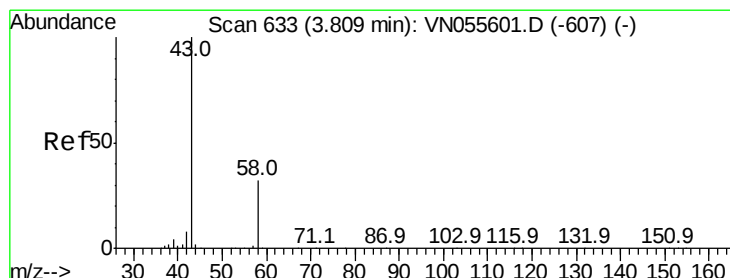
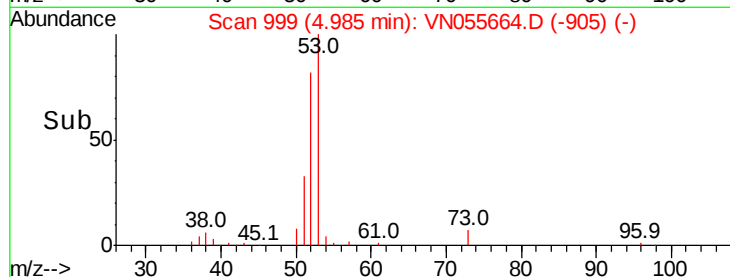
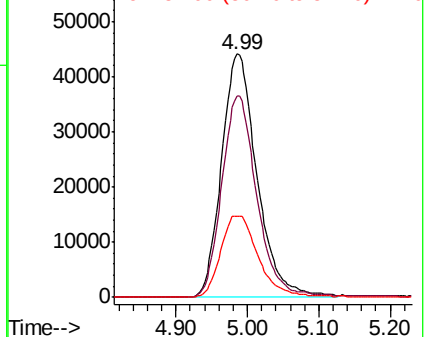
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.4
51	35.6	28.5	42.7



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.214 ug/l

RT: 3.81 min Scan# 635

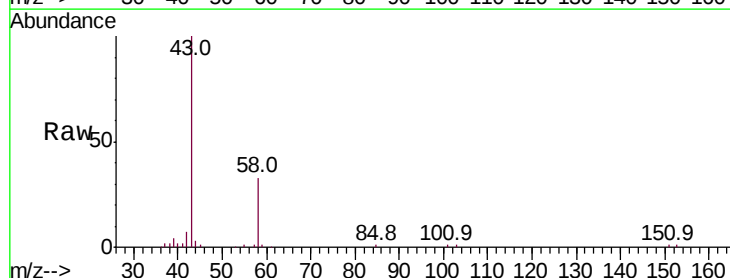
Delta R.T. 0.01 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

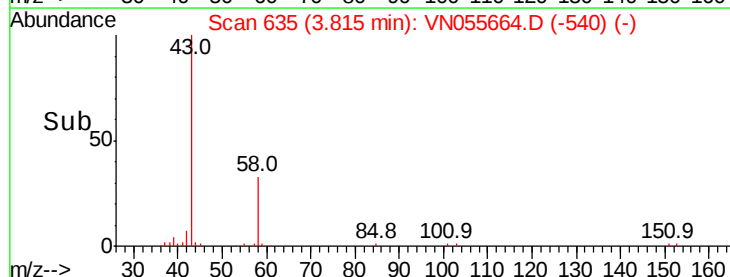
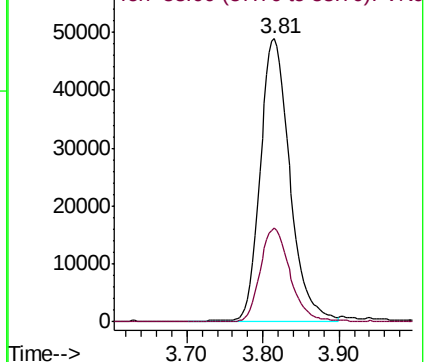
Tgt Ion: 43 Resp: 132718

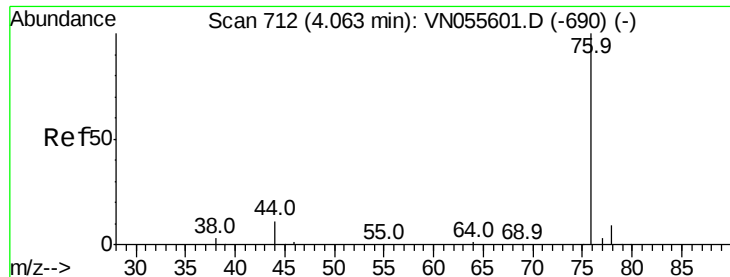
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.0	39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.475 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: VN055664.D

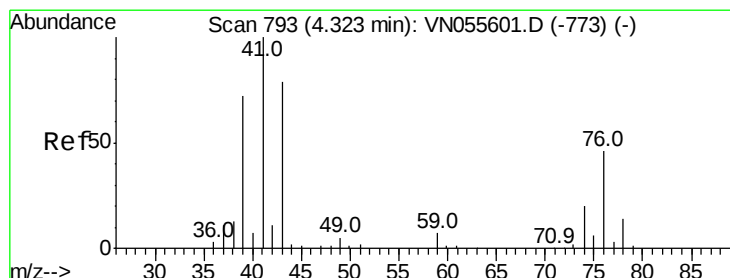
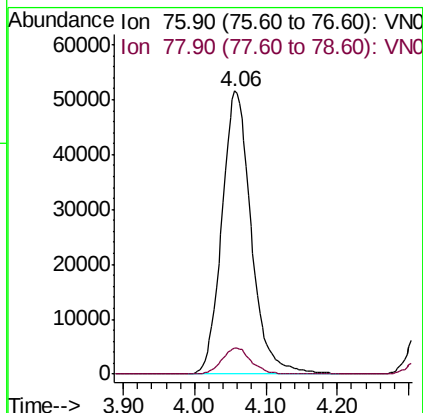
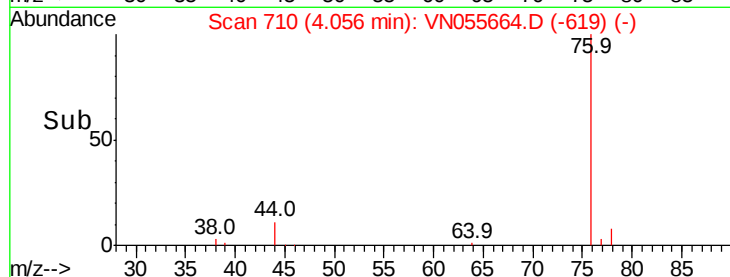
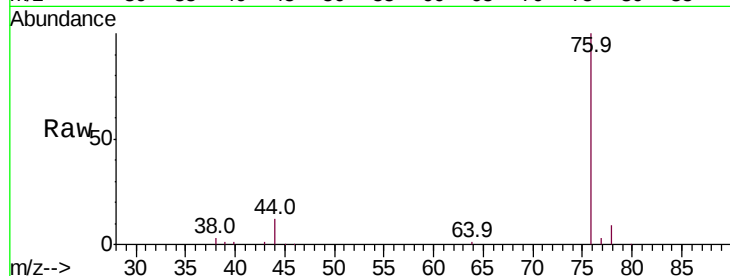
Acq: 20 May 2019 11:13

Tot Ion: 76 Resp: 147536

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 20.042 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055664.D

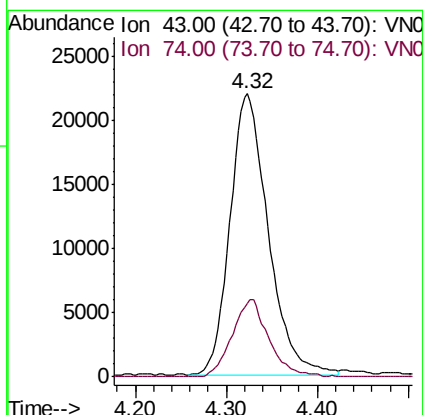
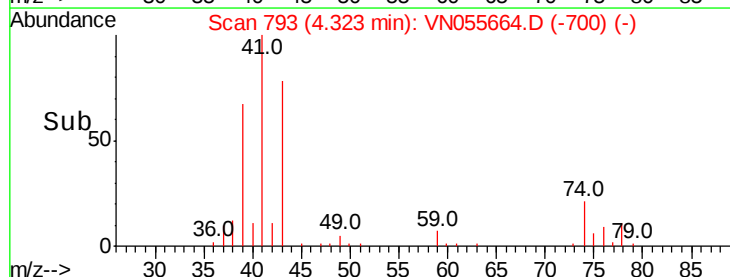
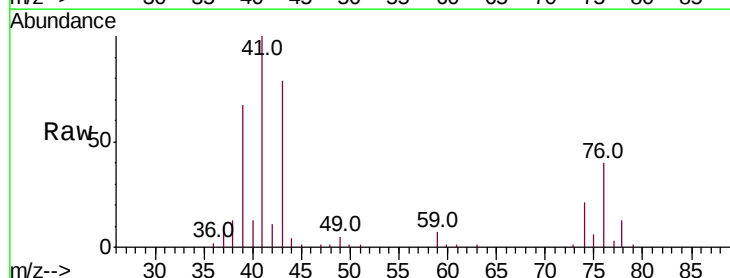
Acq: 20 May 2019 11:13

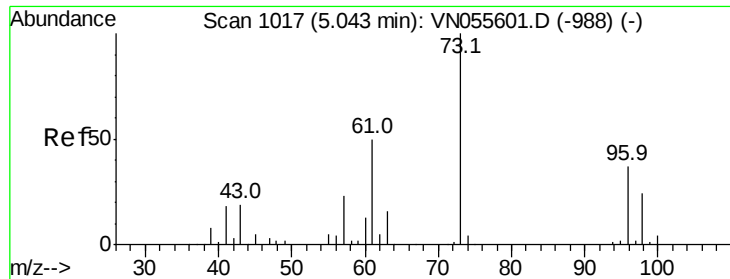
Tgt Ion: 43 Resp: 63920

Ion Ratio Lower Upper

43 100

74 26.4 19.9 29.9

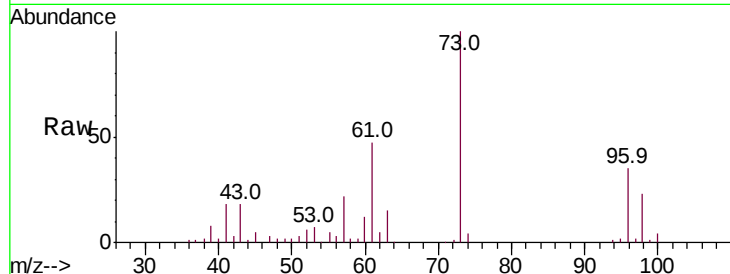




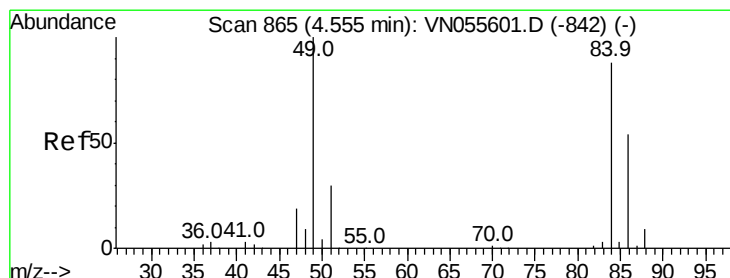
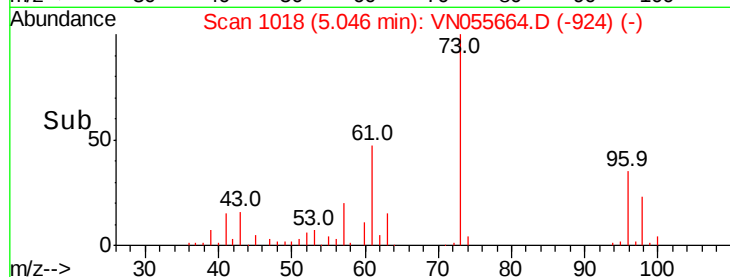
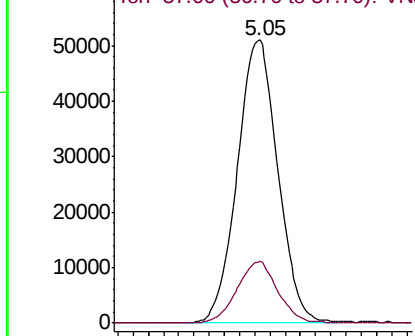
#19

Methyl tert-butyl Ether
 Concen: 18.816 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion: 73 Resp: 189041
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.2 27.2



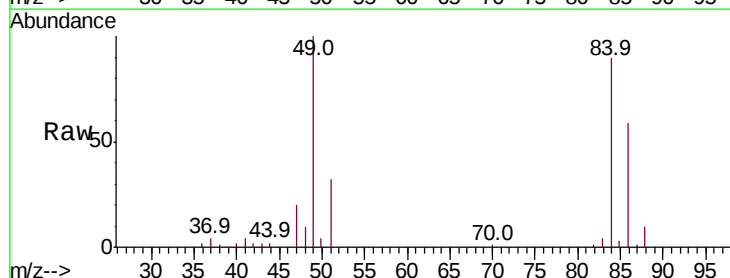
Abundance Ion 73.00 (72.70 to 73.70): VN055601.D (-988) (-)
 Ion 57.00 (56.70 to 57.70): VN055601.D (-988) (-)



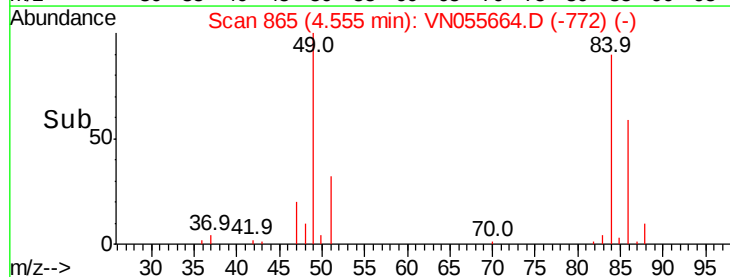
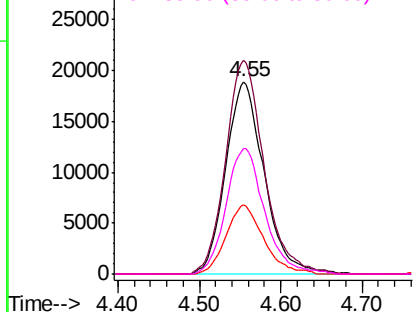
#20

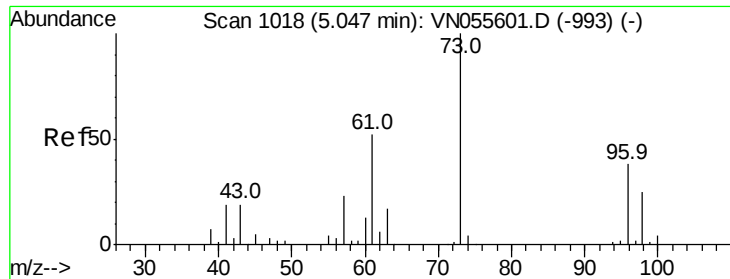
Methylene Chloride
 Concen: 18.304 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 84 Resp: 62142
 Ion Ratio Lower Upper
 84 100
 49 111.2 91.0 136.4
 51 35.9 27.5 41.3
 86 65.3 49.4 74.0



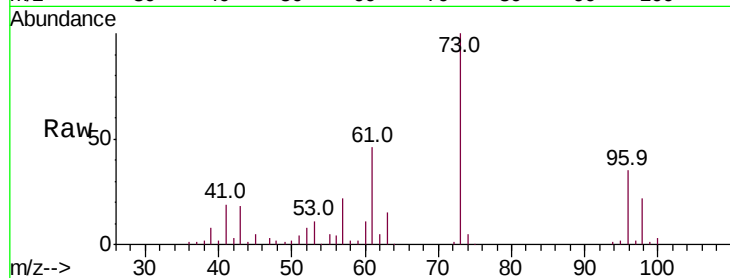
Abundance Ion 83.90 (83.60 to 84.60): VN055601.D (-842) (-)
 Ion 48.90 (48.60 to 49.60): VN055601.D (-842) (-)
 Ion 50.90 (50.60 to 51.60): VN055601.D (-842) (-)
 Ion 85.90 (85.60 to 86.60): VN055601.D (-842) (-)



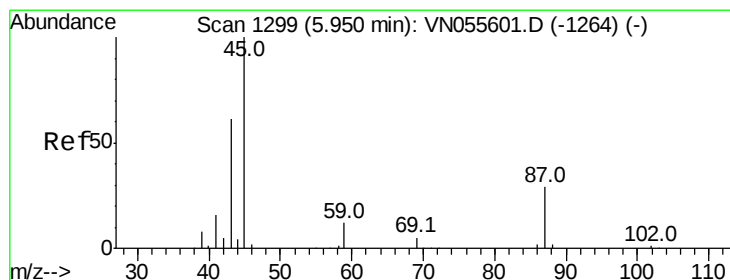
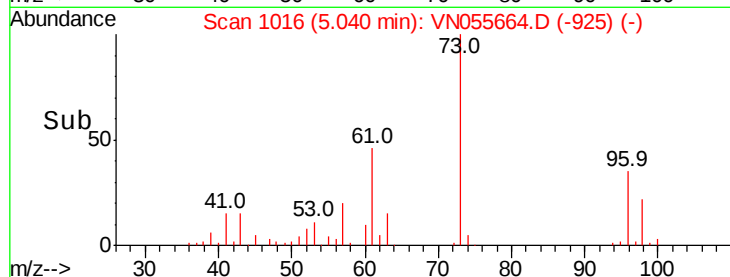
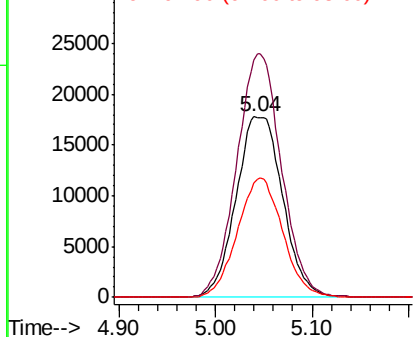


#21
trans-1,2-Dichloroethene
Concen: 18.413 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion: 96 Resp: 59571
Ion Ratio Lower Upper
96 100
61 131.7 108.6 162.8
98 63.3 51.4 77.0

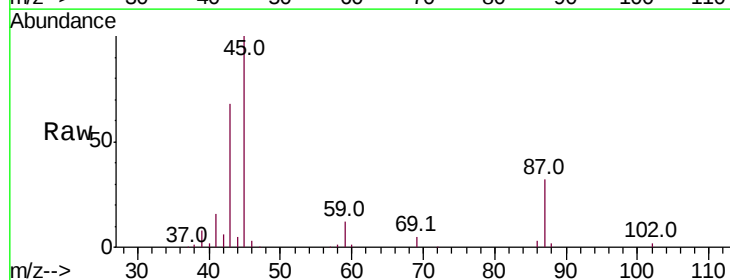


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

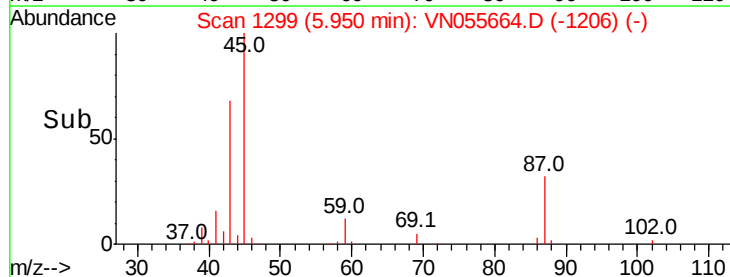
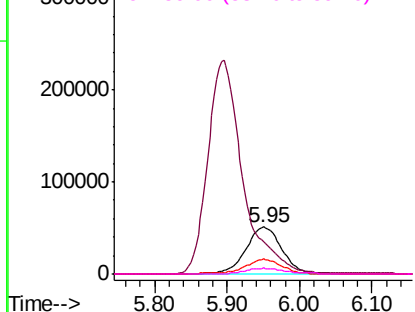


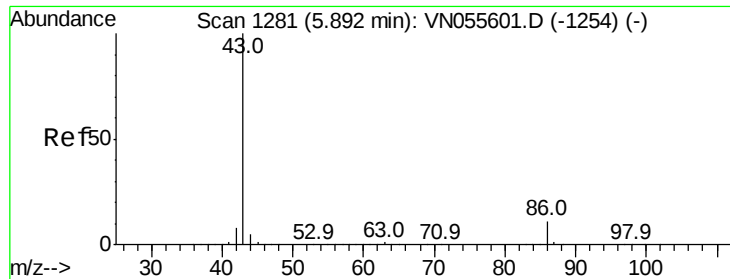
#22
Diisopropyl ether
Concen: 18.203 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 45 Resp: 176844
Ion Ratio Lower Upper
45 100
43 65.6 50.4 75.6
87 31.2 23.8 35.6
59 12.0 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 94.608 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055664.D

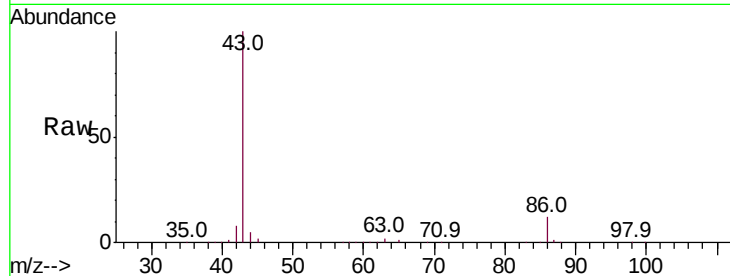
Acq: 20 May 2019 11:13

Tot Ion: 43 Resp: 779901

Ion Ratio Lower Upper

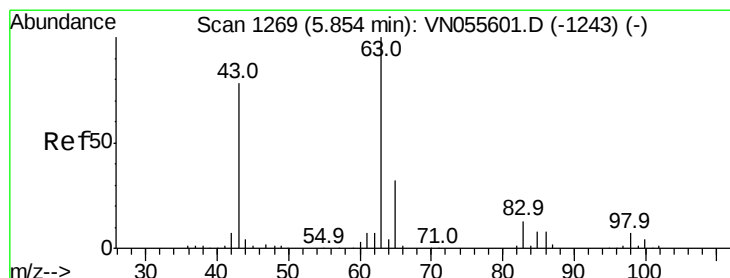
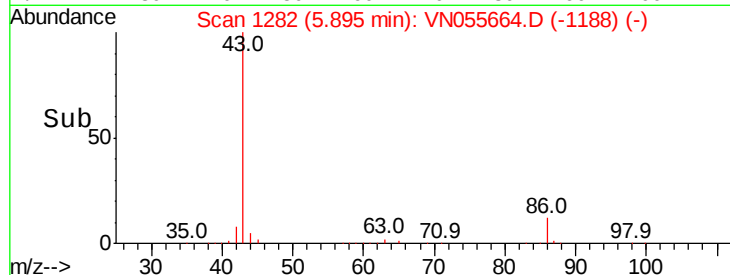
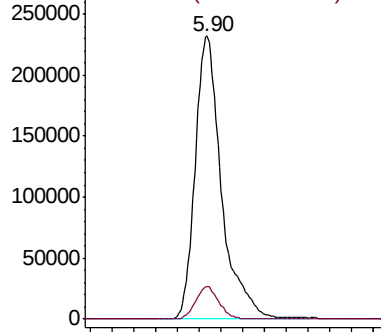
43 100

86 11.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.693 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

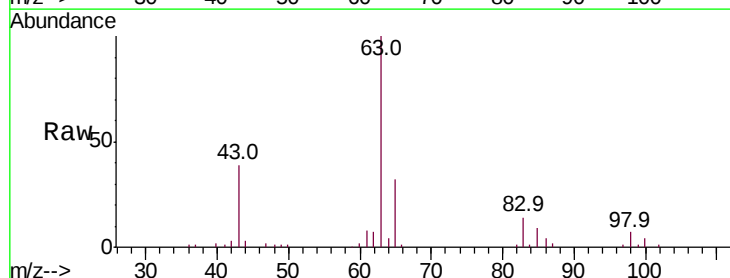
Tgt Ion: 63 Resp: 106481

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

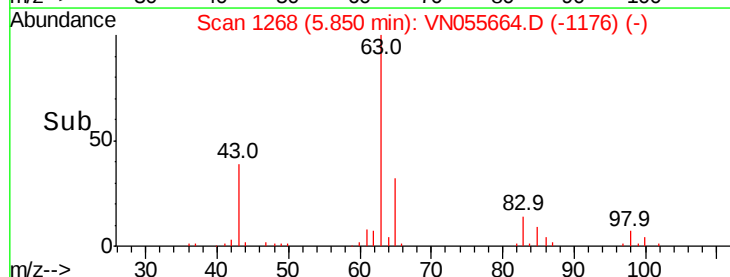
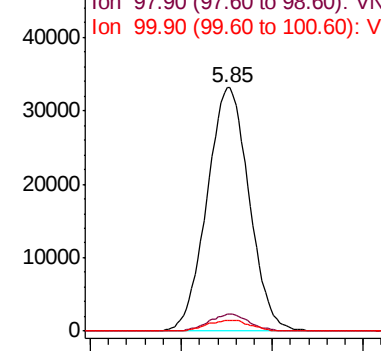
100 4.1 2.2 6.6

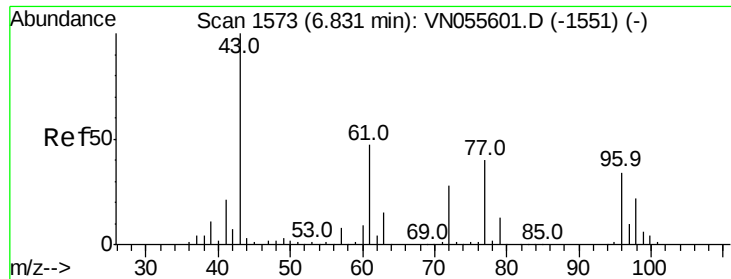


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 98.925 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055664.D

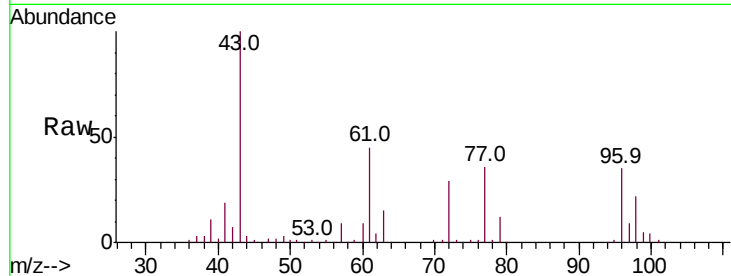
Acq: 20 May 2019 11:13

Tot Ion: 43 Resp: 205768

Ion Ratio Lower Upper

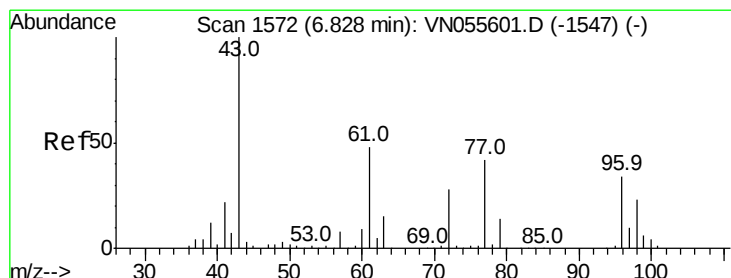
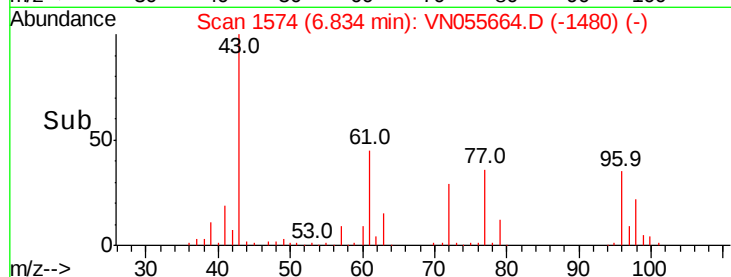
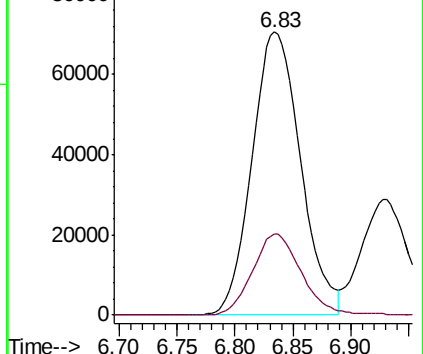
43 100

72 28.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.489 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055664.D

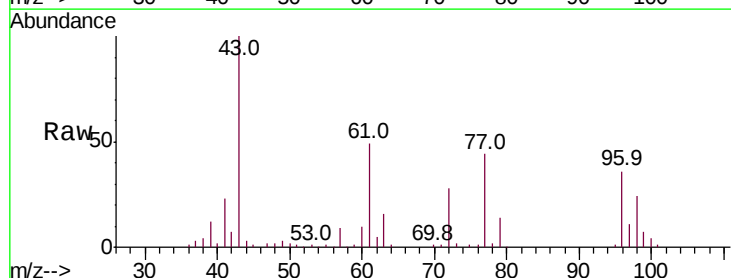
Acq: 20 May 2019 11:13

Tgt Ion: 77 Resp: 88417

Ion Ratio Lower Upper

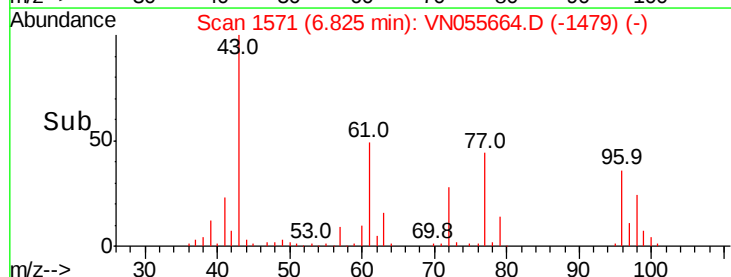
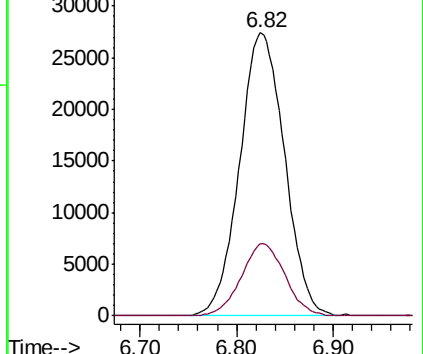
77 100

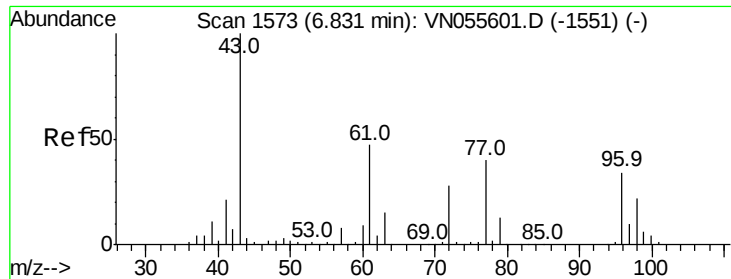
97 24.9 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.809 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

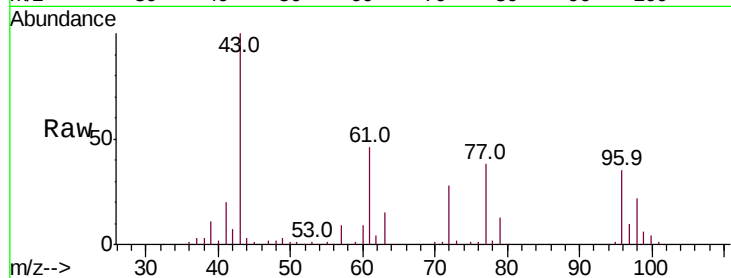
Tot Ion: 96 Resp: 70859

Ion Ratio Lower Upper

96 100

61 133.7 0.0 279.0

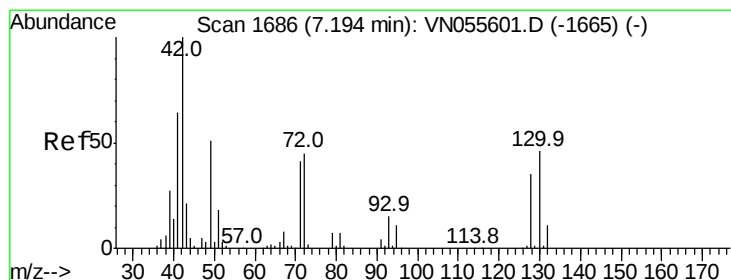
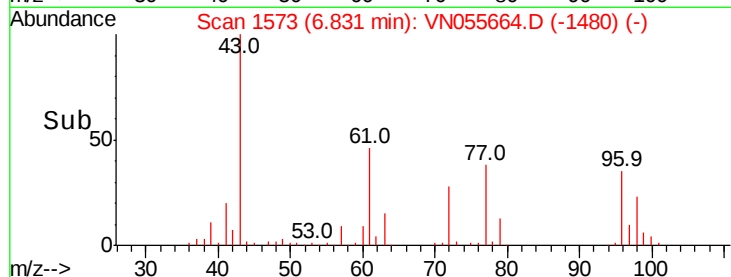
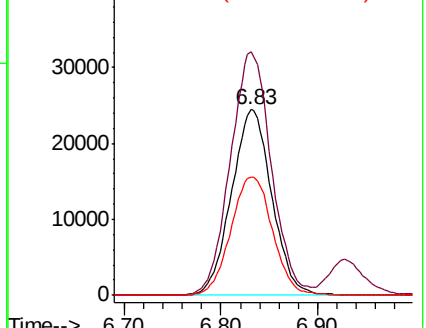
98 65.9 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN055601.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN055601.D (-1551) (-)



#28

Bromochloromethane

Concen: 18.839 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

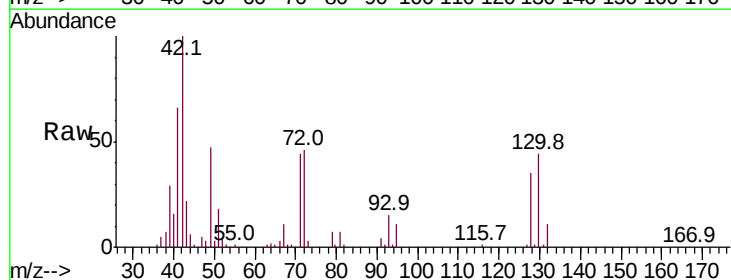
Tgt Ion: 49 Resp: 46688

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

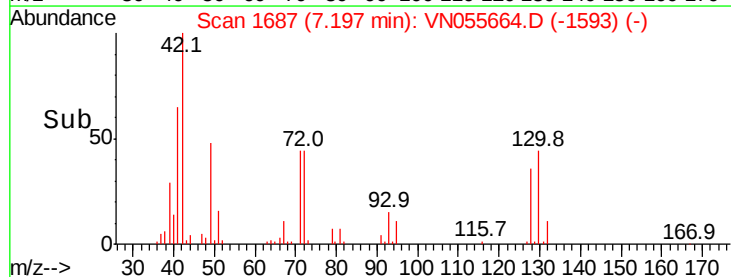
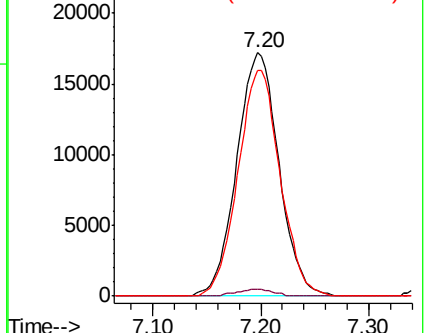
130 92.6 71.0 106.6

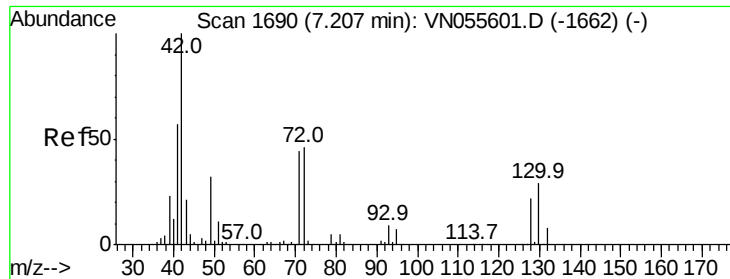


Abundance Ion 48.90 (48.60 to 49.60): VN055601.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055601.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055601.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 98.103 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

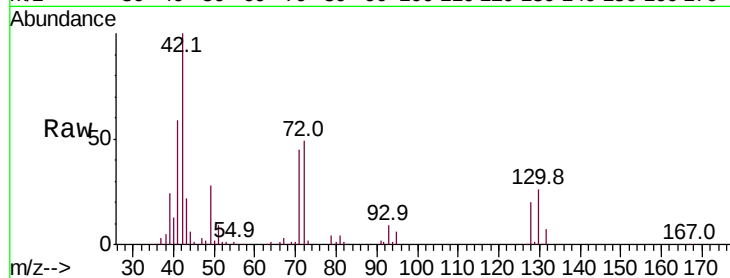
Tot Ion: 42 Resp: 135191

Ion Ratio Lower Upper

42 100

72 47.6 36.5 54.7

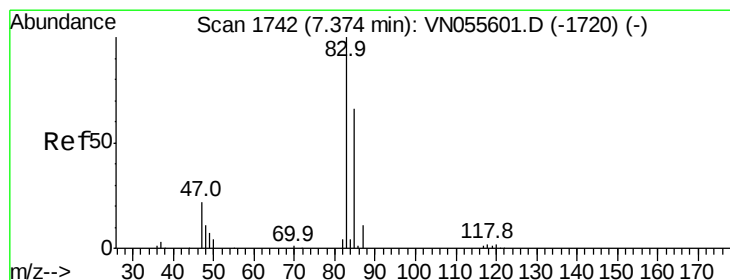
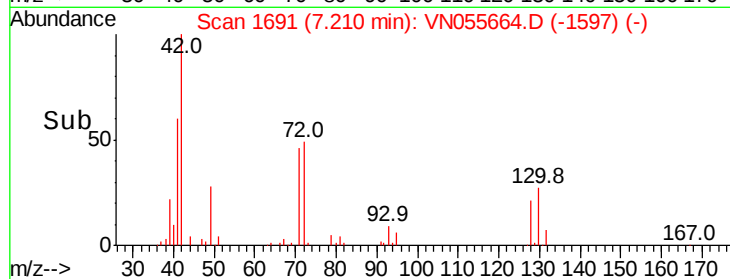
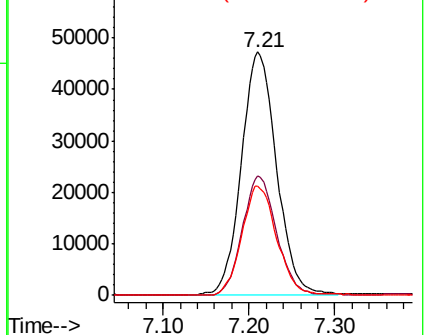
71 44.4 34.9 52.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.485 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055664.D

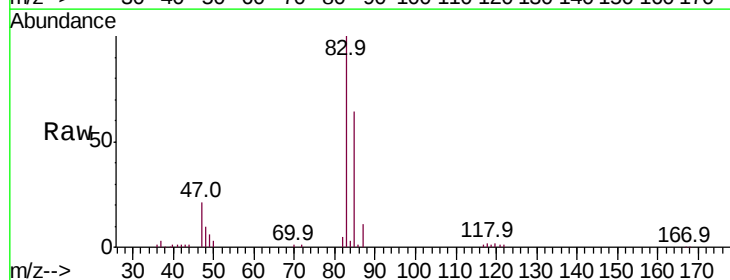
Acq: 20 May 2019 11:13

Tgt Ion: 83 Resp: 108085

Ion Ratio Lower Upper

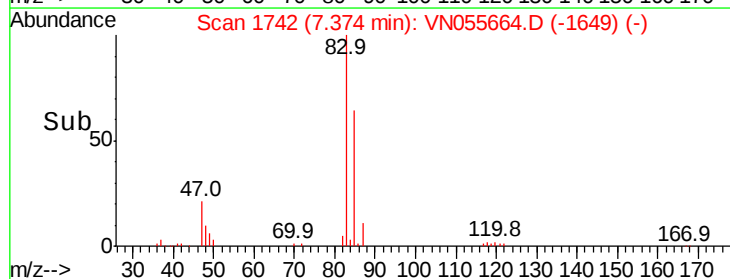
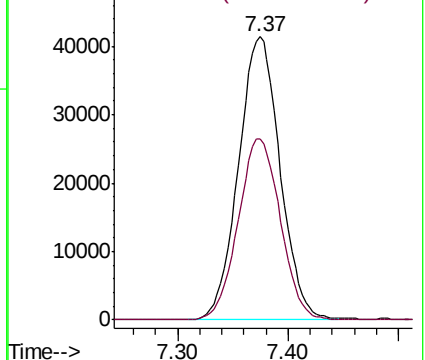
83 100

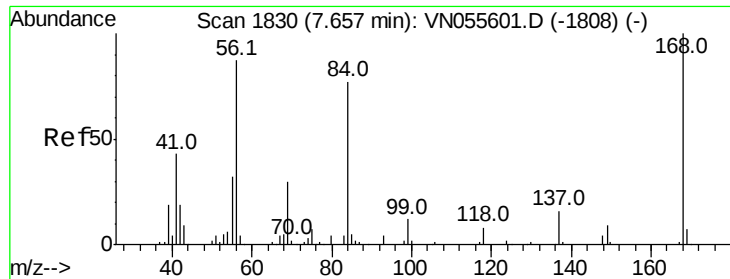
85 63.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.097 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

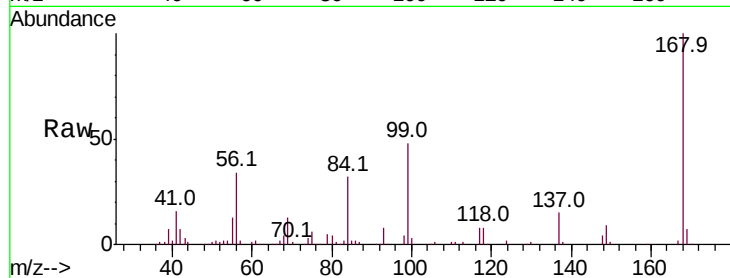
Tot Ion: 56 Resp: 97837

Ion Ratio Lower Upper

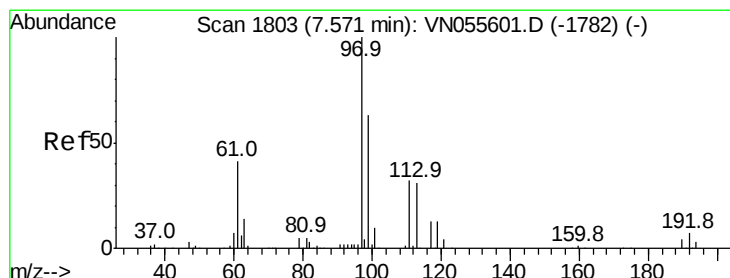
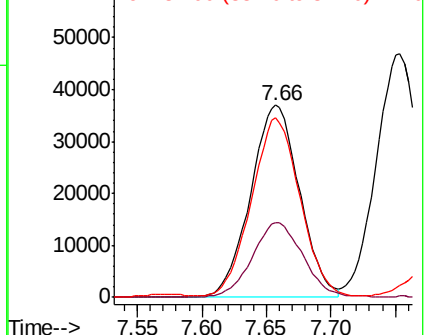
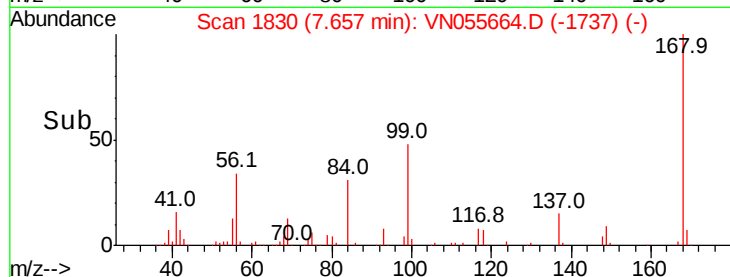
56 100

69 39.1 27.2 40.8

84 92.6 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.382 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

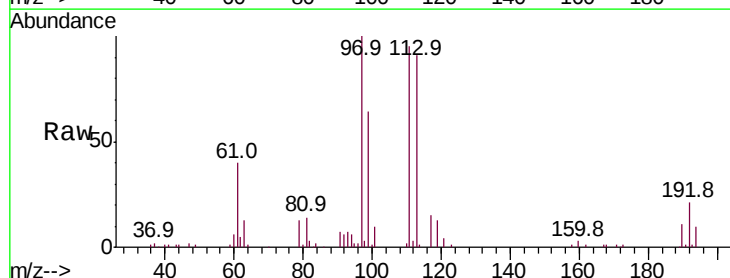
Tgt Ion: 97 Resp: 96408

Ion Ratio Lower Upper

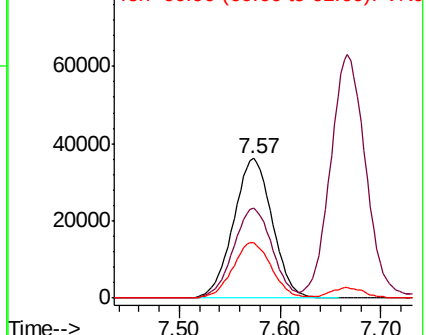
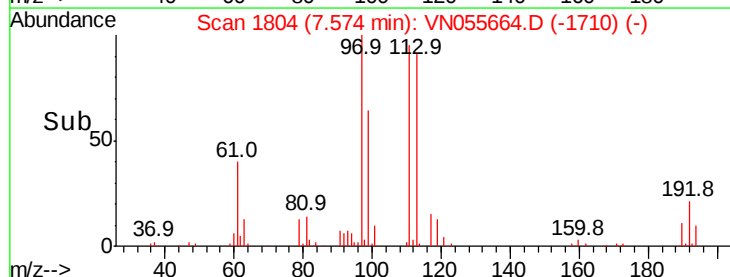
97 100

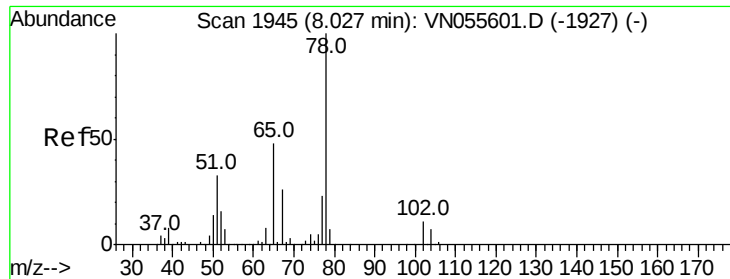
99 64.3 51.4 77.2

61 39.6 32.9 49.3



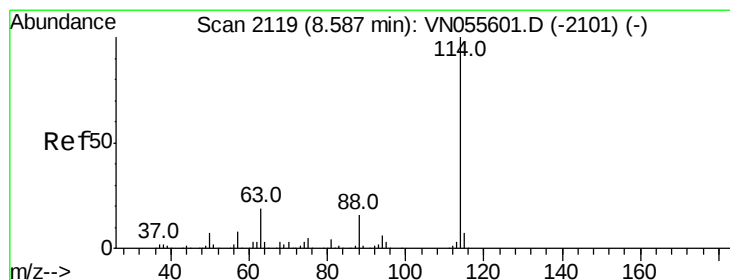
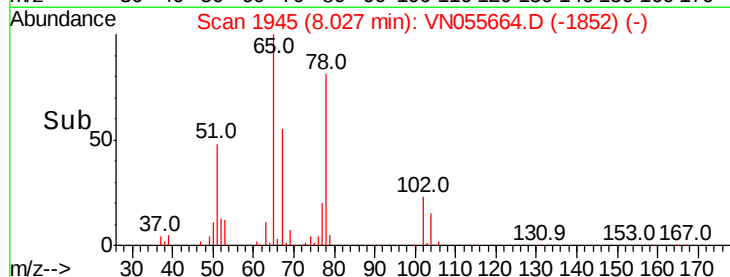
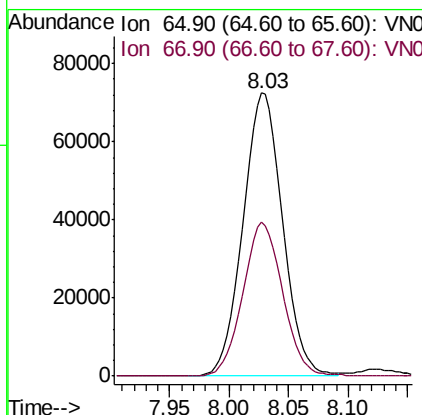
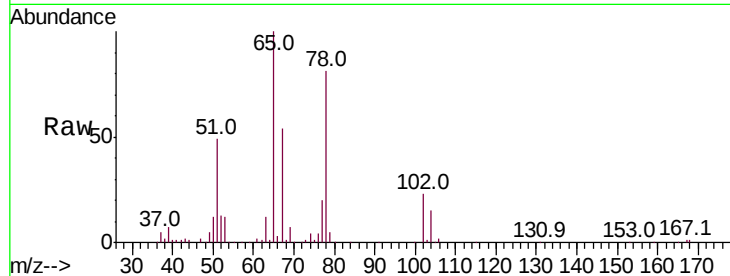
Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





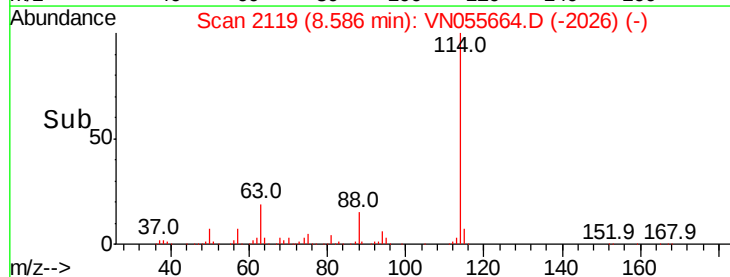
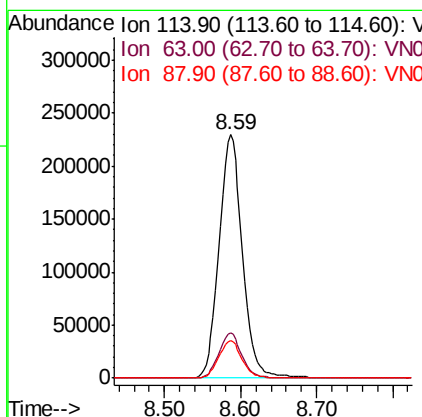
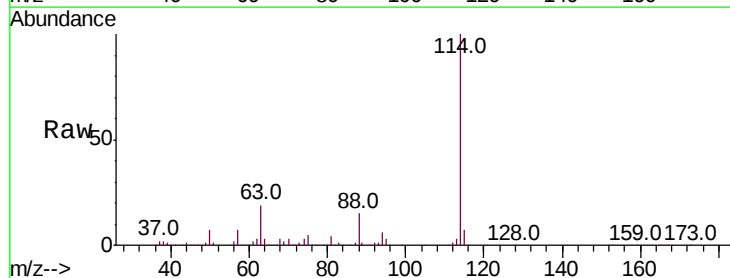
#33
 1,2-Dichloroethane-d4
 Concen: 45.894 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

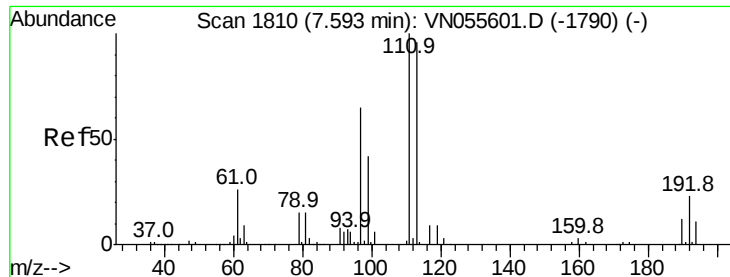
Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.2
88	15.2	0.0	31.0





#35

Dibromofluoromethane

Concen: 50.101 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

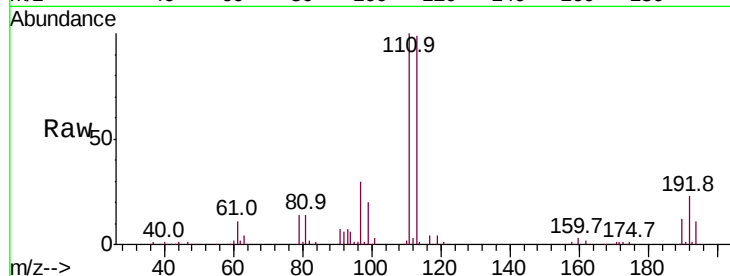
Tot Ion:113 Resp: 155921

Ion Ratio Lower Upper

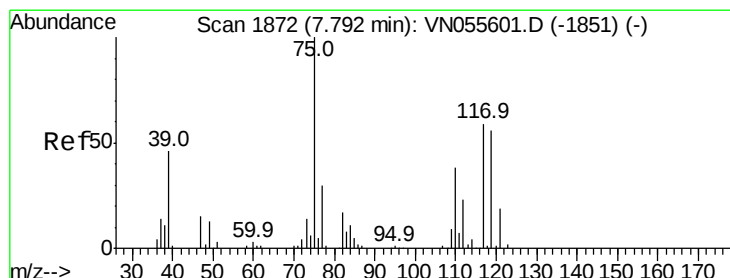
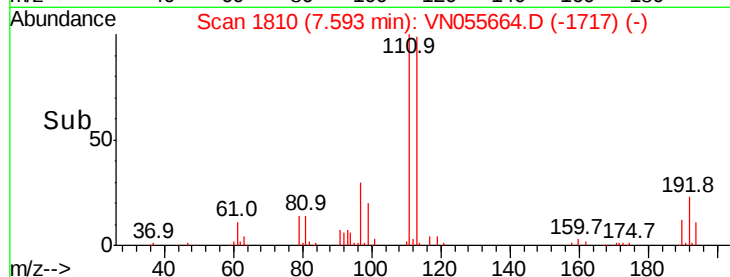
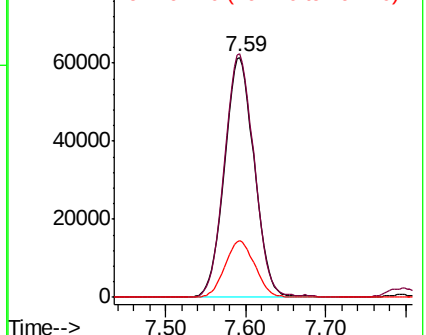
113 100

111 100.9 82.5 123.7

192 23.5 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.243 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

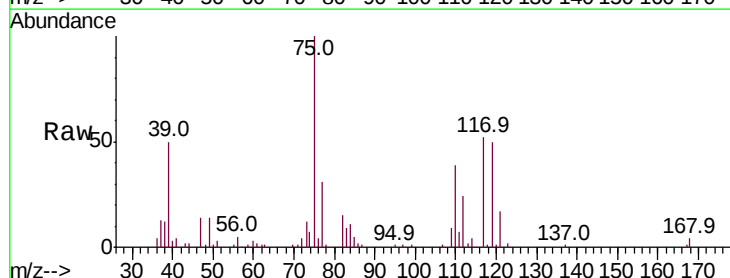
Tgt Ion: 75 Resp: 79682

Ion Ratio Lower Upper

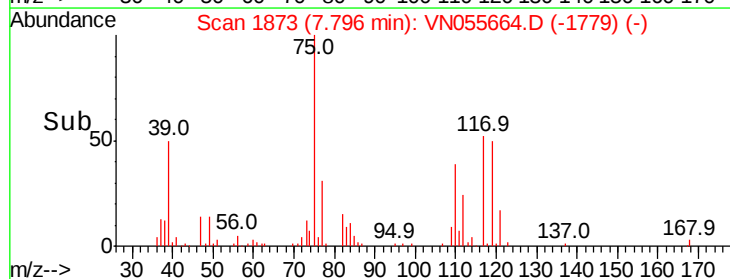
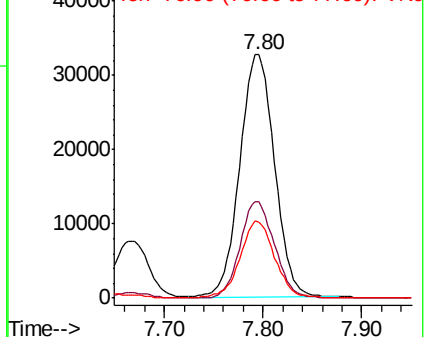
75 100

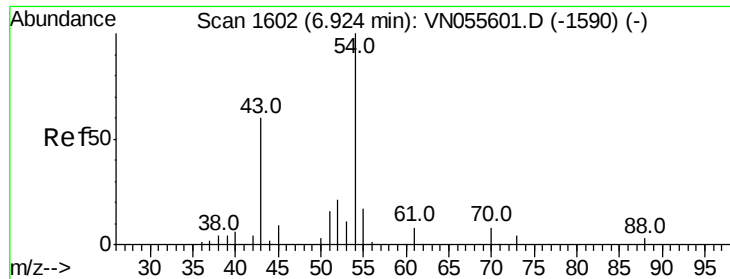
110 39.1 18.6 55.6

77 31.6 24.9 37.3



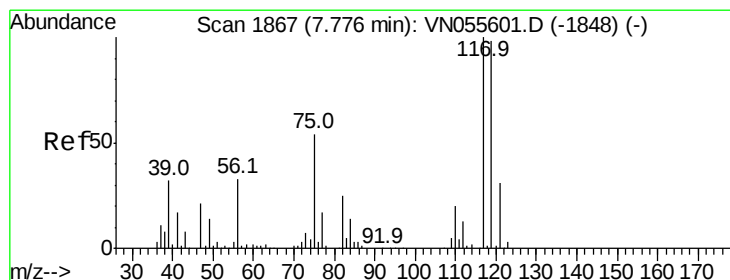
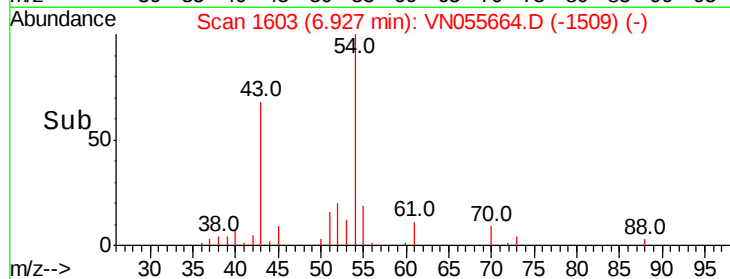
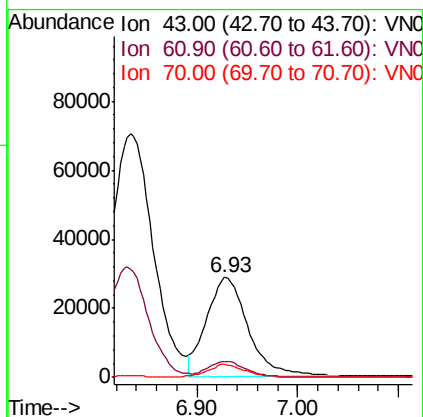
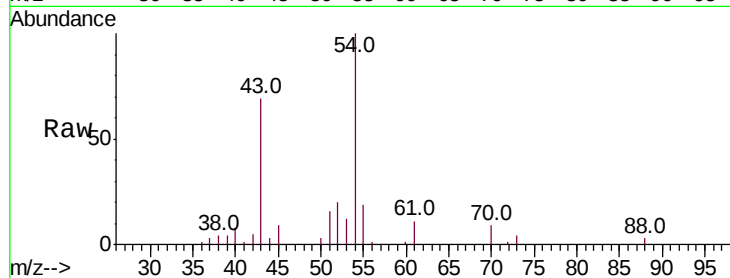
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





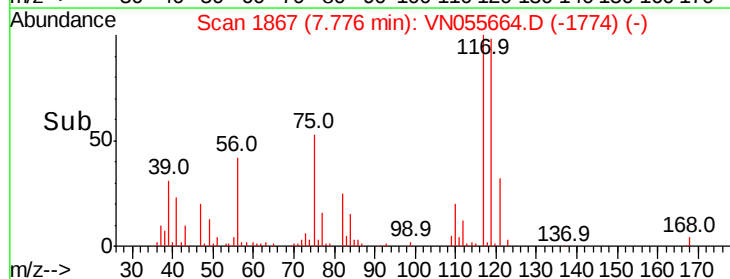
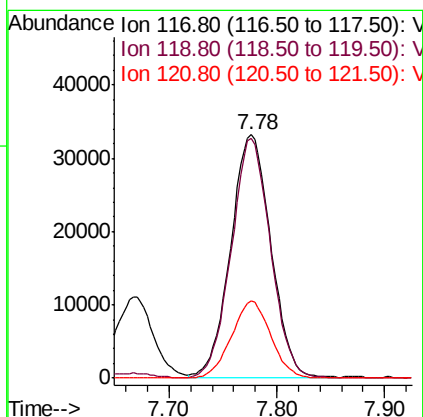
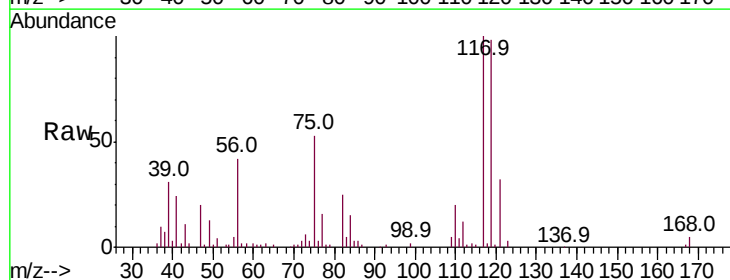
#37
Ethyl Acetate
Concen: 20.771 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

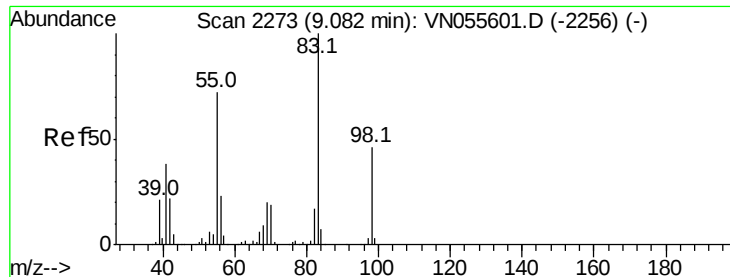
Tot Ion: 43 Resp: 81869
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 18.524 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

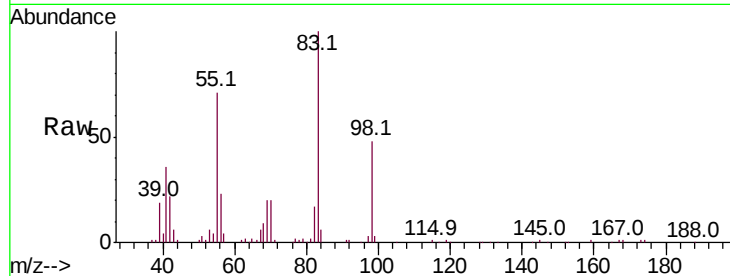
Tgt Ion: 117 Resp: 86460
Ion Ratio Lower Upper
117 100
119 98.4 77.8 116.8
121 31.6 24.6 37.0



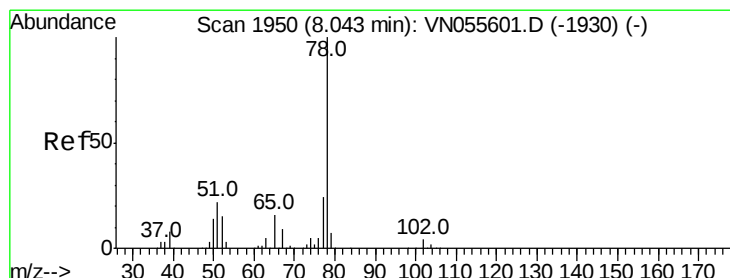
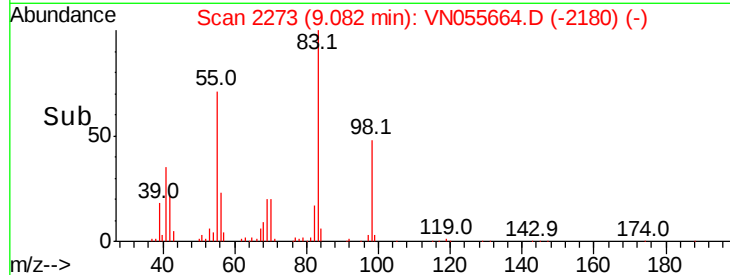
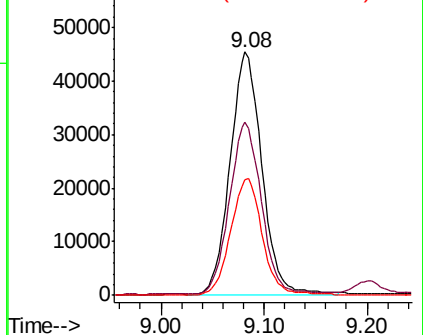


#39
Methvlcvclohexane
Concen: 18.436 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion: 83 Resp: 97071
Ion Ratio Lower Upper
83 100
55 70.9 57.8 86.6
98 47.7 36.7 55.1

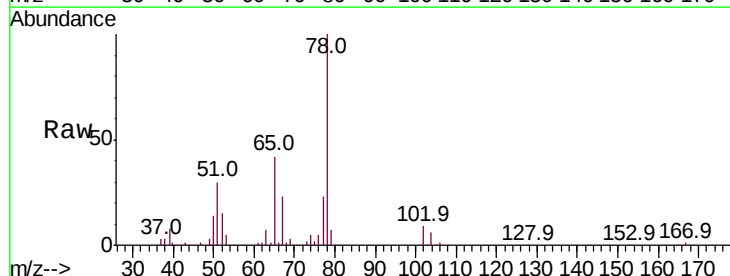


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

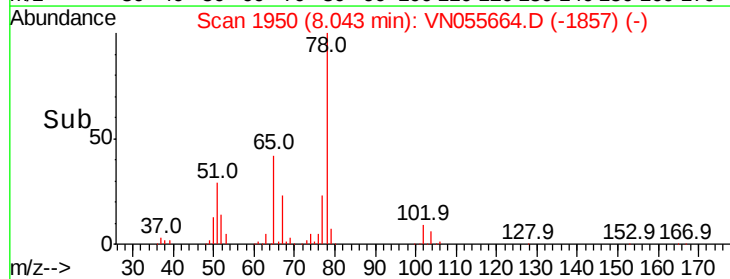
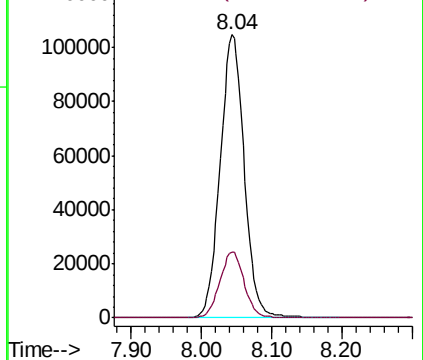


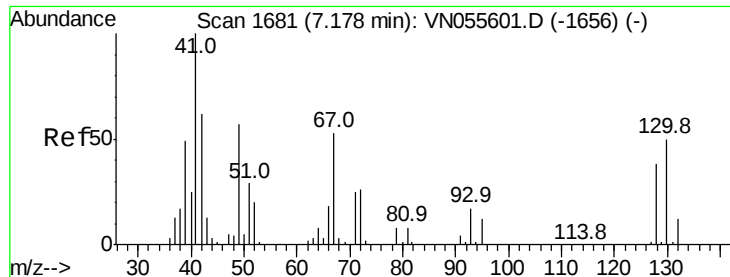
#40
Benzene
Concen: 19.416 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 78 Resp: 249440
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 20.810 ug/l m

RT: 7.17 min Scan# 1680

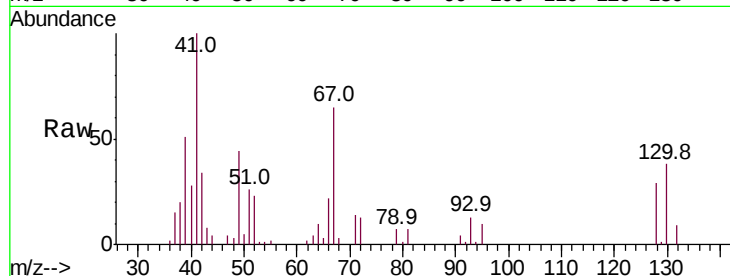
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion: 41 Resp: 35067

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

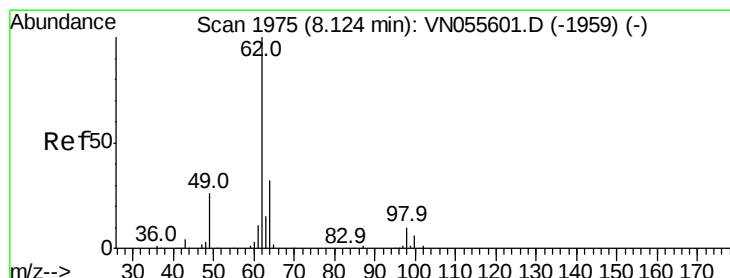
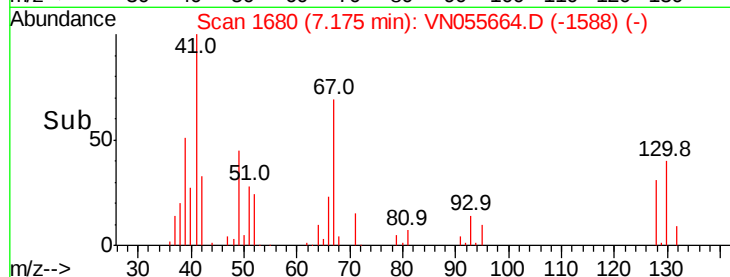


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.555 ug/l

RT: 8.13 min Scan# 1976

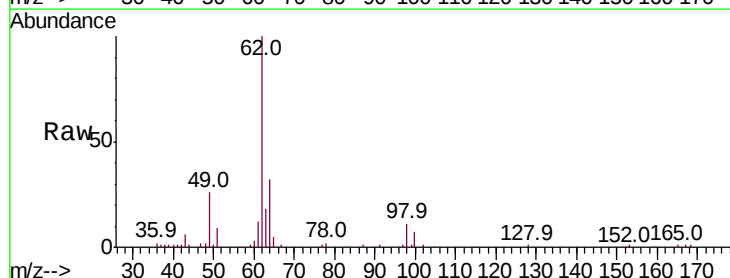
Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

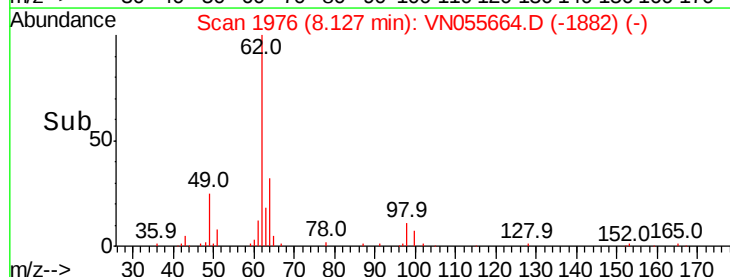
Tgt Ion: 62 Resp: 81352

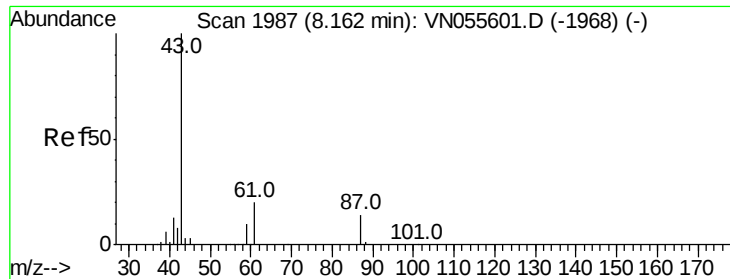
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.549 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

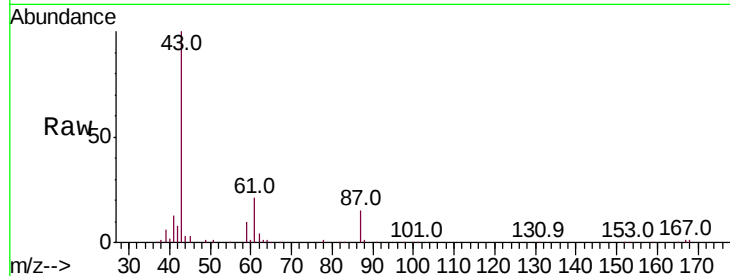
Tot Ion: 43 Resp: 134028

Ion Ratio Lower Upper

43 100

61 28.0 22.1 33.1

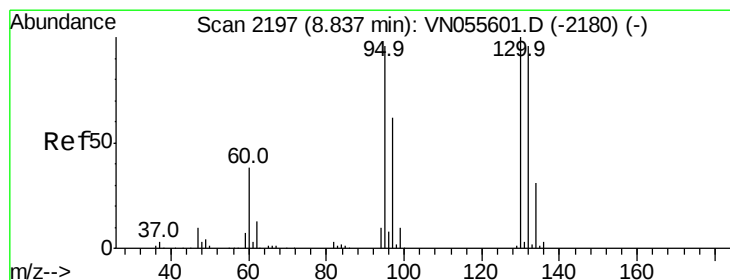
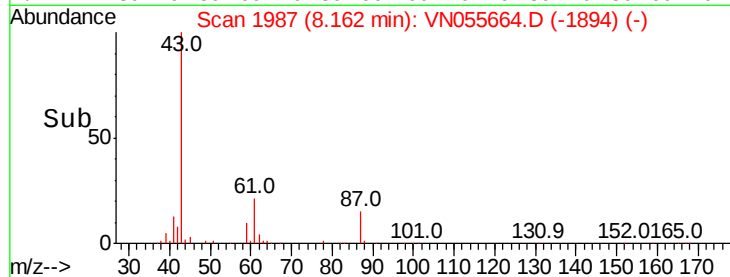
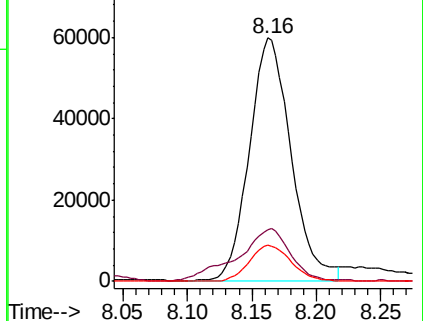
87 15.2 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#44

Trichloroethene

Concen: 19.982 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055664.D

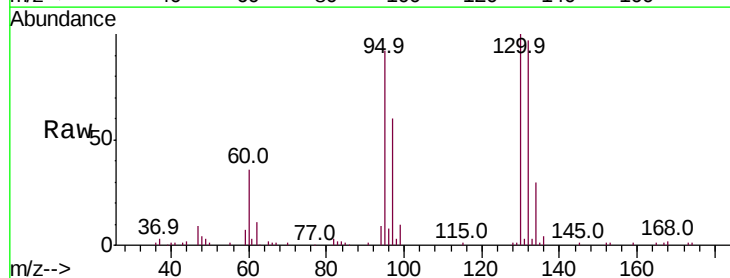
Acq: 20 May 2019 11:13

Tgt Ion: 130 Resp: 72438

Ion Ratio Lower Upper

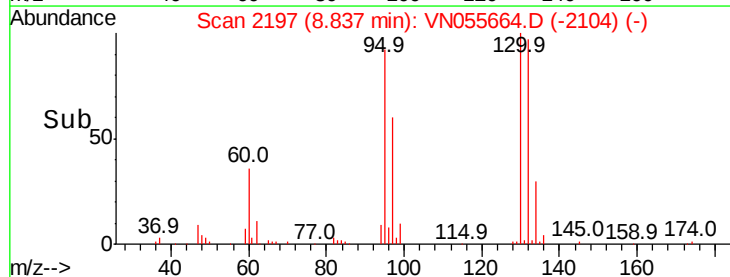
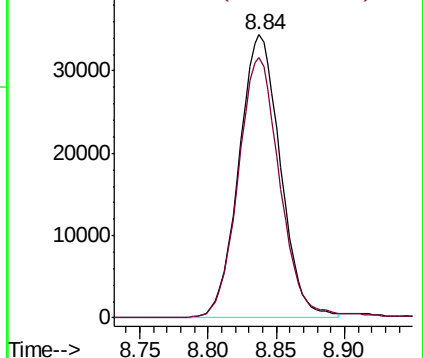
130 100

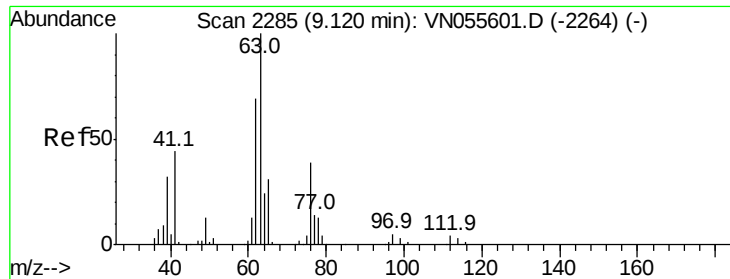
95 91.8 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055601.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.364 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055664.D

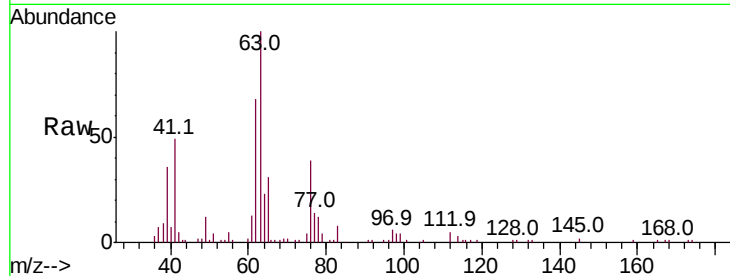
Acq: 20 May 2019 11:13

Tot Ion: 63 Resp: 65535

Ion Ratio Lower Upper

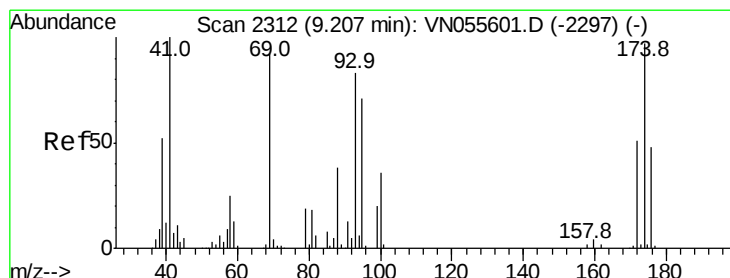
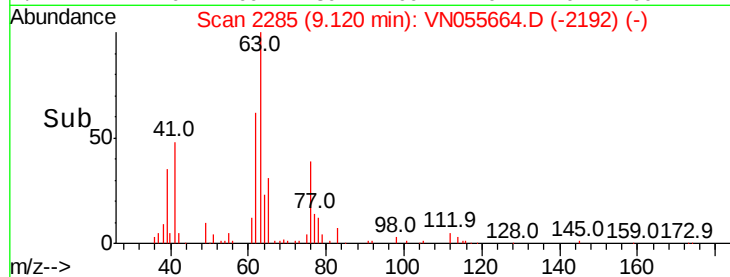
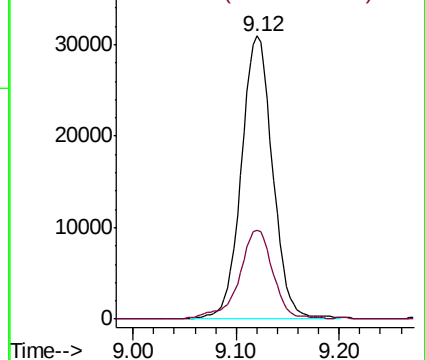
63 100

65 30.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 20.107 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

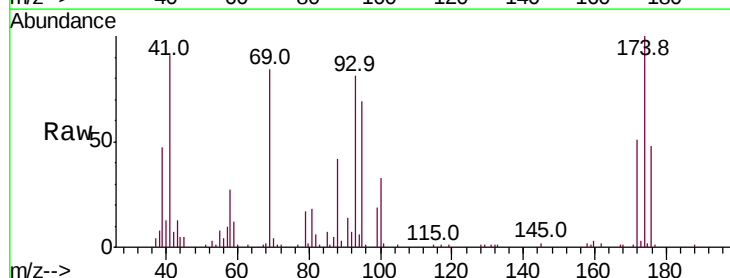
Tgt Ion: 93 Resp: 44540

Ion Ratio Lower Upper

93 100

95 85.5 67.9 101.9

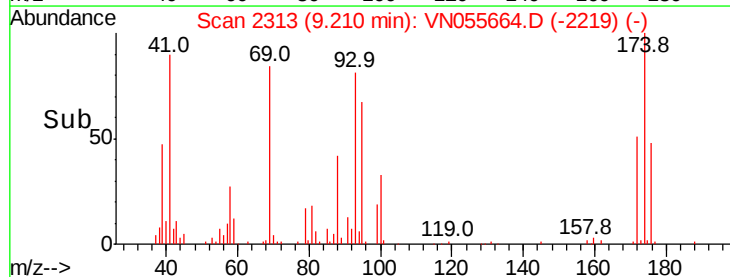
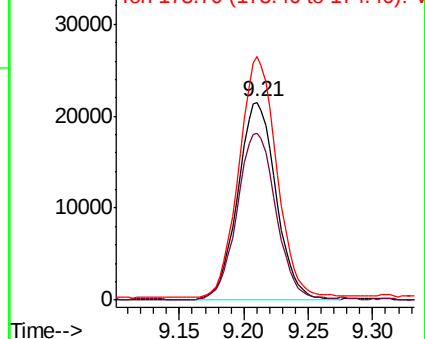
174 119.5 93.8 140.6

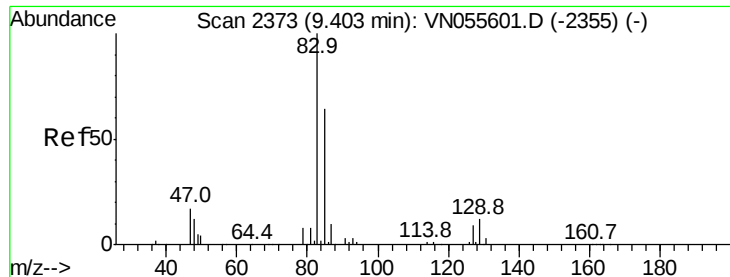


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 18.570 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

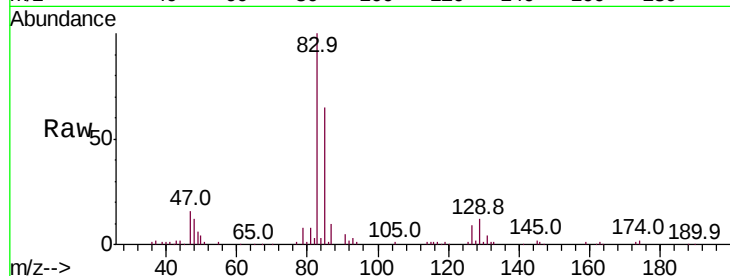
Tot Ion: 83 Resp: 86210

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

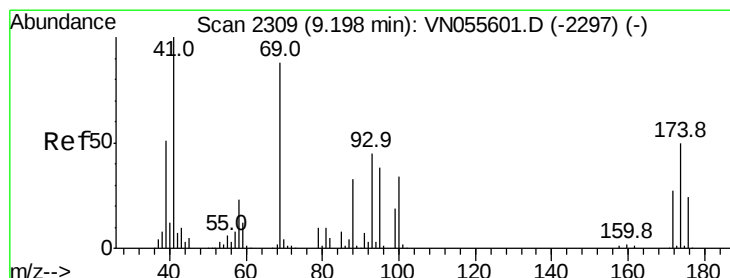
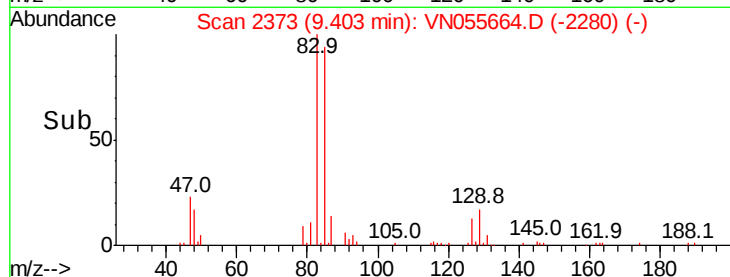
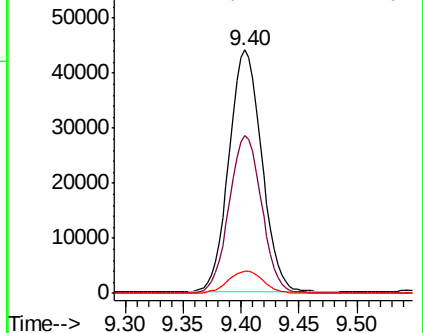
127 9.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN055601.D (-2355) (-)



#48

Methyl methacrylate

Concen: 19.882 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

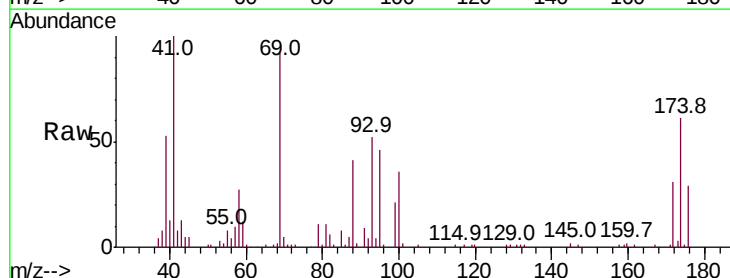
Tgt Ion: 41 Resp: 60927

Ion Ratio Lower Upper

41 100

69 97.2 74.2 111.2

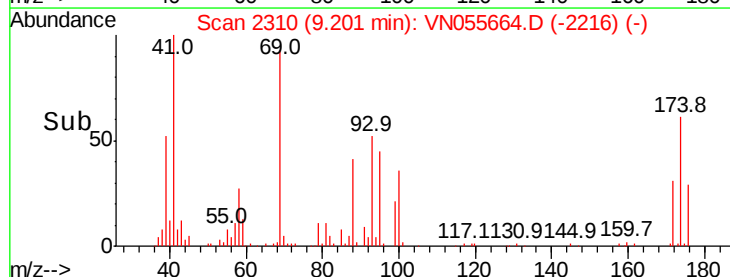
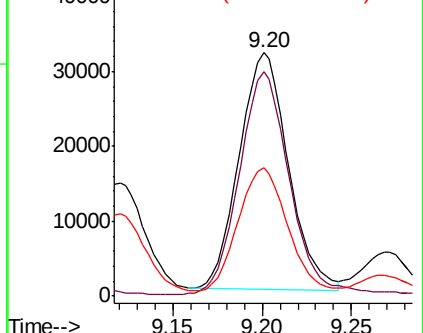
39 55.7 43.8 65.8

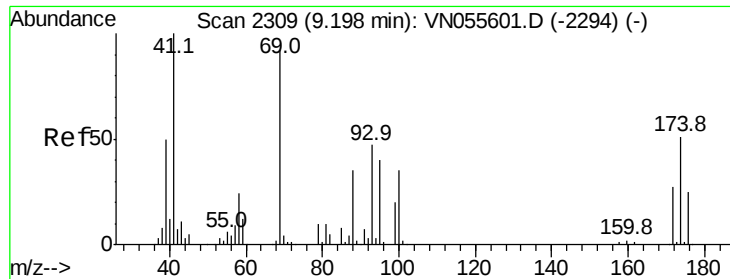


Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-2297) (-)





#49

1,4-Dioxane

Concen: 492.210 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

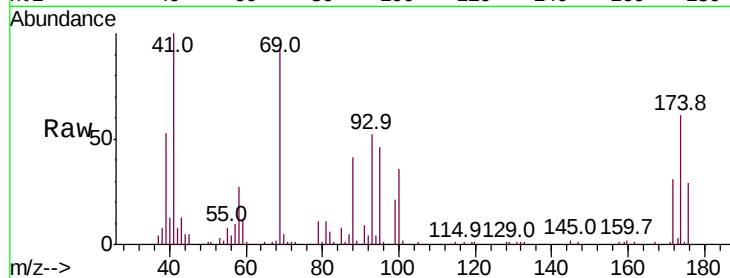
Tot Ion: 88 Resp: 29972

Ion Ratio Lower Upper

88 100

43 26.6 22.4 33.6

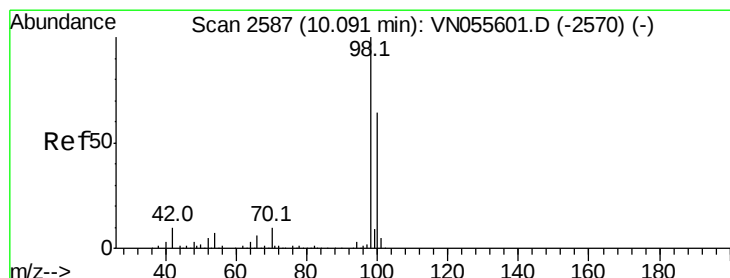
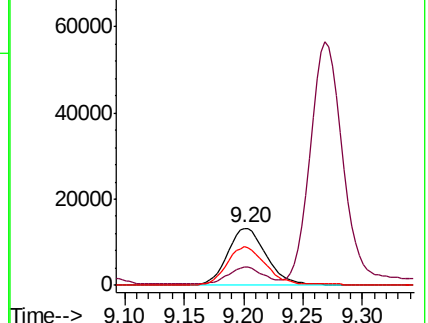
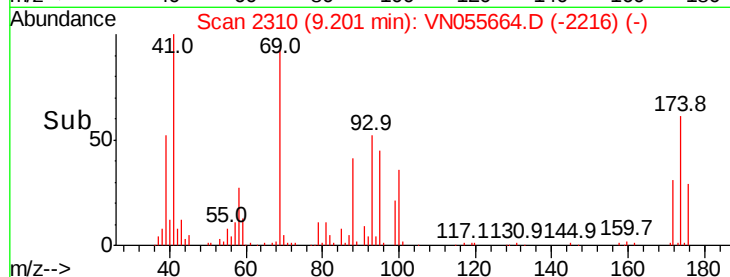
58 67.4 53.4 80.2



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.140 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055664.D

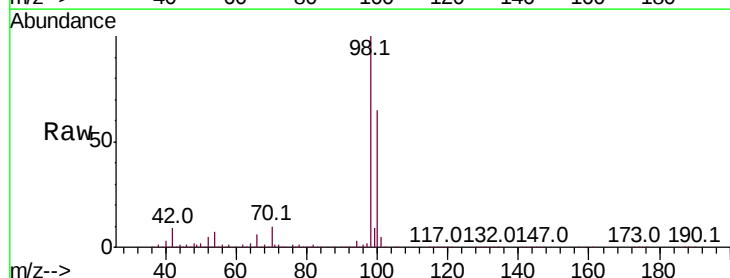
Acq: 20 May 2019 11:13

Tgt Ion: 98 Resp: 578246

Ion Ratio Lower Upper

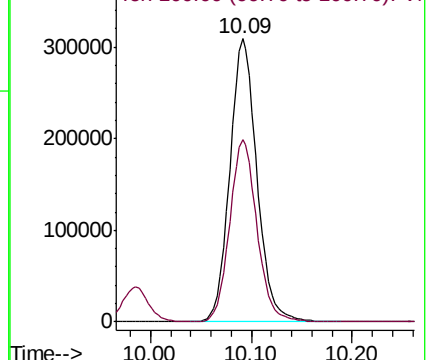
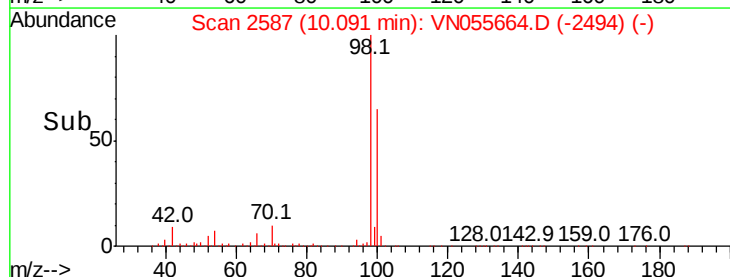
98 100

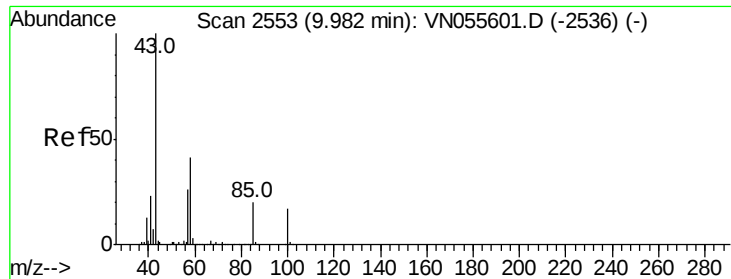
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

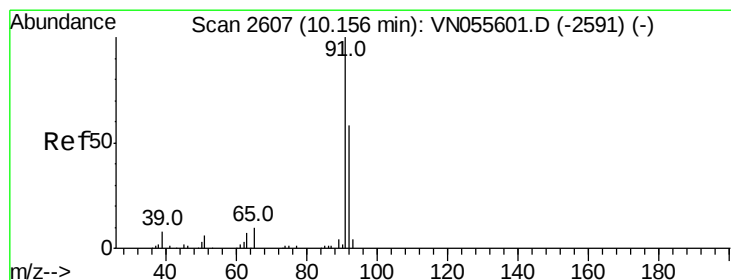
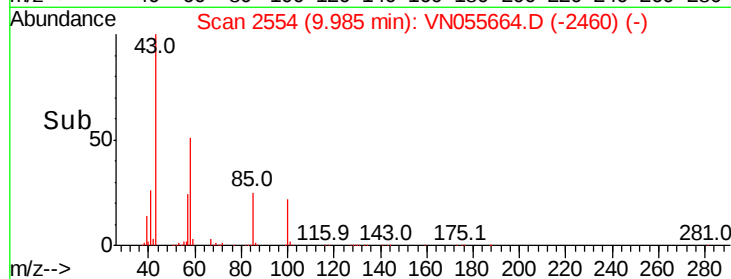
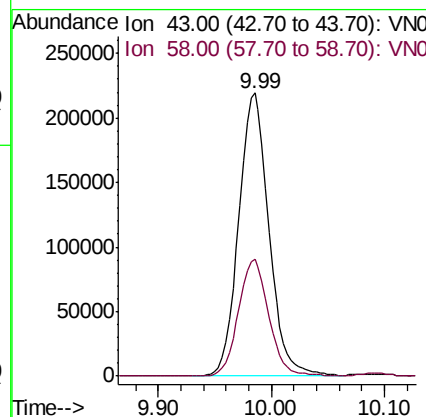
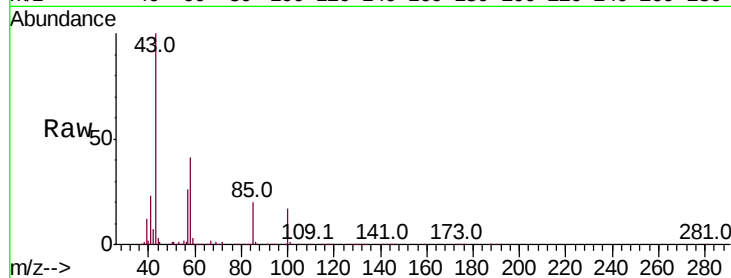
Ion 100.00 (99.70 to 100.70): VN0





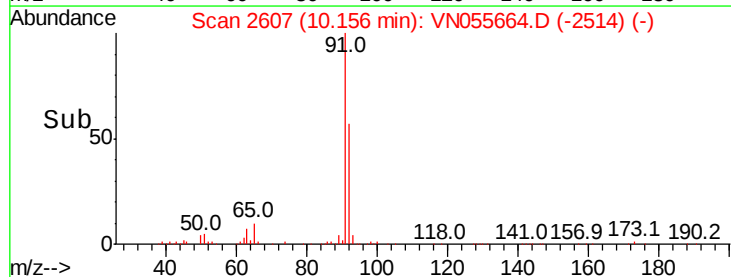
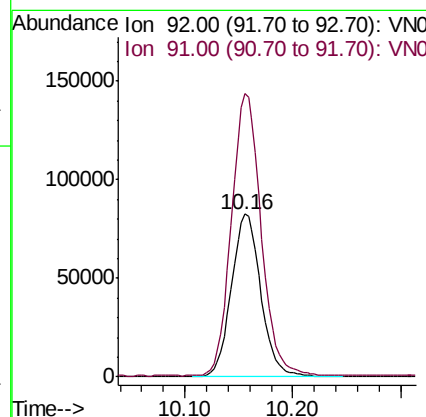
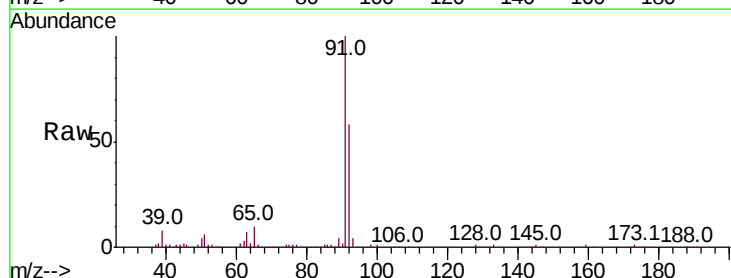
#51
 4-Methyl-2-Pentanone
 Concen: 100.888 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

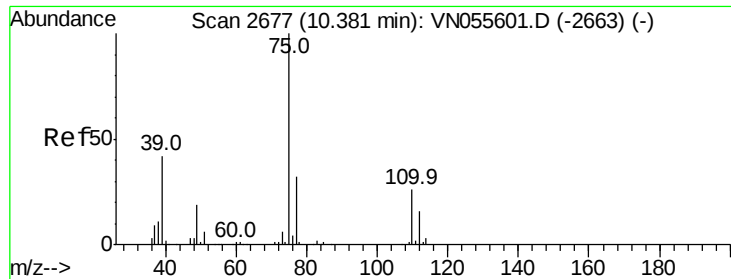
Tot Ion: 43 Resp: 405736
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.7 49.1



#52
 Toluene
 Concen: 19.512 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 92 Resp: 157226
 Ion Ratio Lower Upper
 92 100
 91 174.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 19.080 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055664.D

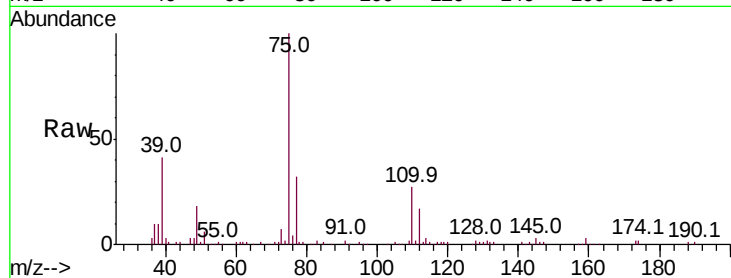
Acq: 20 May 2019 11:13

Tot Ion: 75 Resp: 95335

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

60000

50000

40000

30000

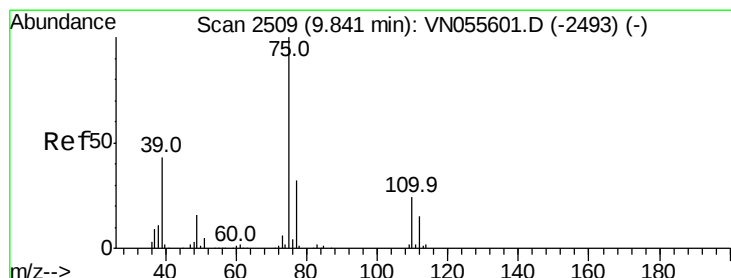
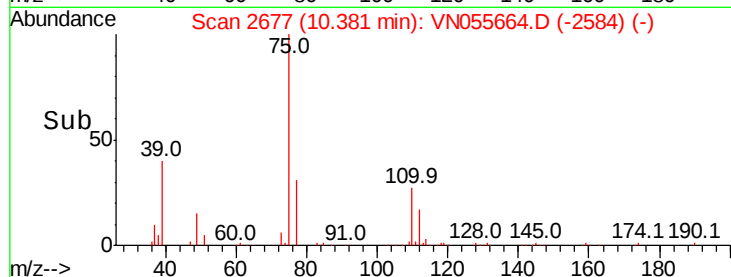
20000

10000

0

Time-->

10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 19.217 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

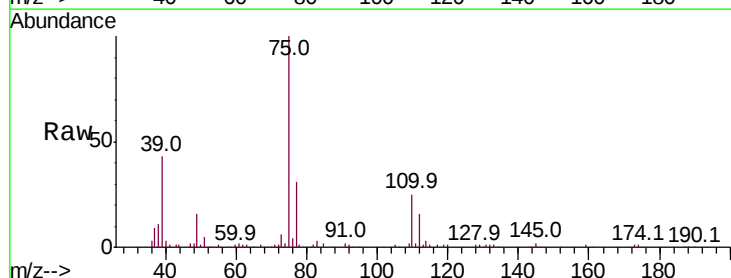
Tgt Ion: 75 Resp: 105191

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 42.7 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

60000

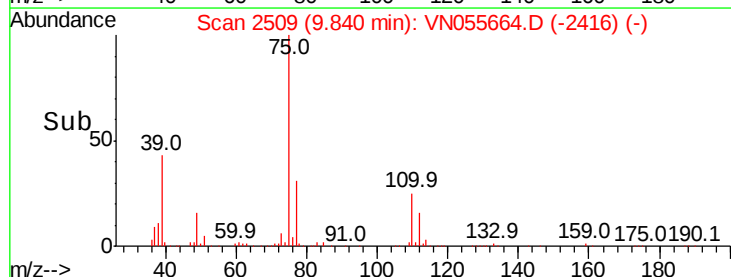
40000

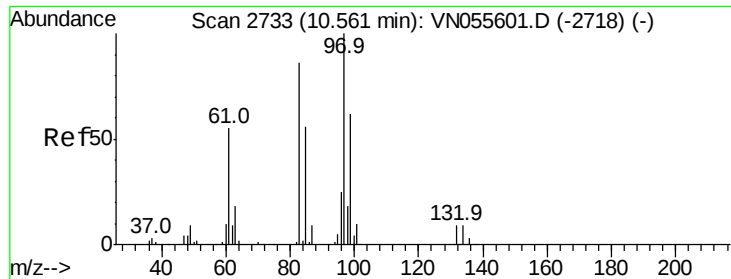
20000

0

Time-->

9.75 9.80 9.85 9.90 9.95





#55

1,1,2-Trichloroethane

Concen: 19.568 ug/l

RT: 10.56 min Scan# 2733

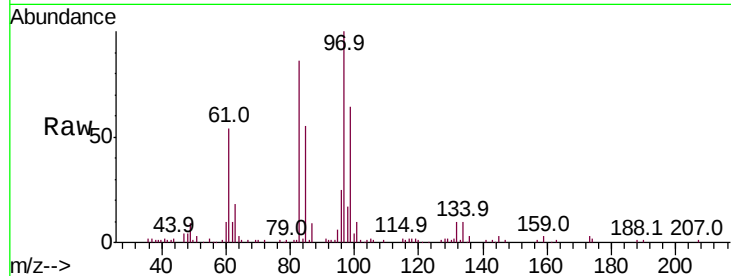
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion: 97 Resp: 64913

Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	54.6	44.8	67.2
99	64.5	49.9	74.9

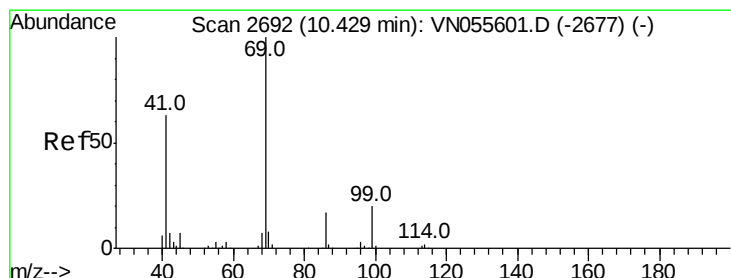
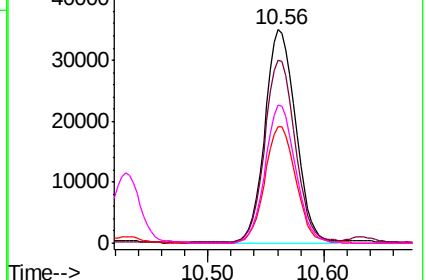
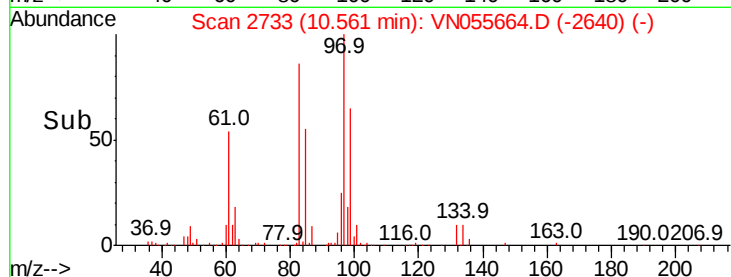


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.529 ug/l

RT: 10.43 min Scan# 2692

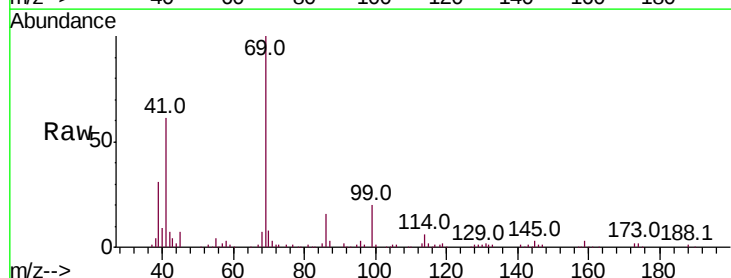
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tgt Ion: 69 Resp: 101128

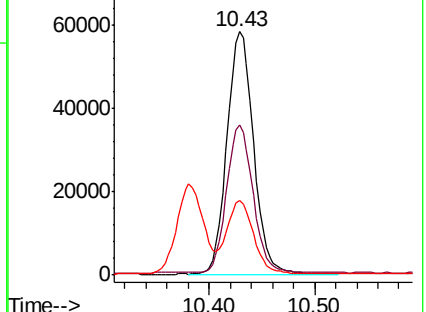
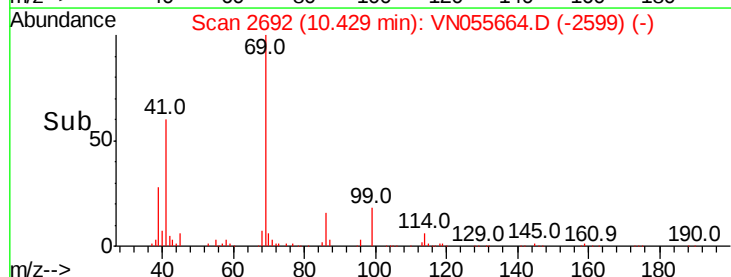
Ion	Ratio	Lower	Upper
69	100		
41	60.5	50.3	75.5
39	30.4	25.4	38.2

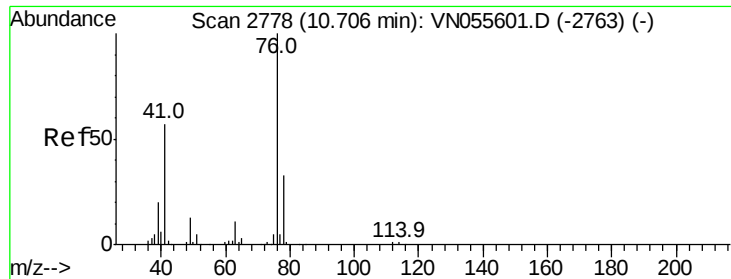


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.672 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055664.D

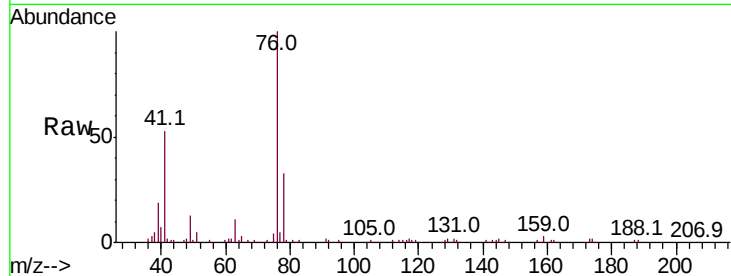
Acq: 20 May 2019 11:13

Tot Ion: 76 Resp: 103354

Ion Ratio Lower Upper

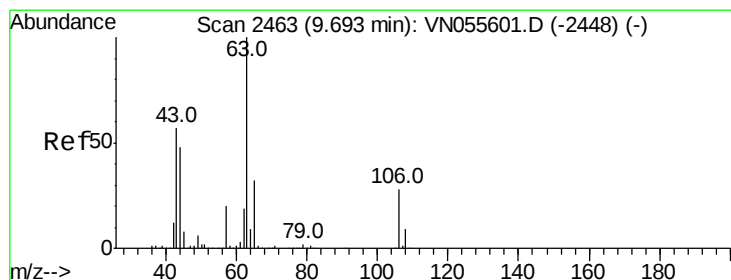
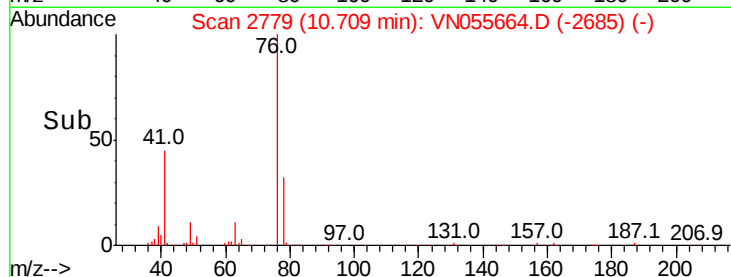
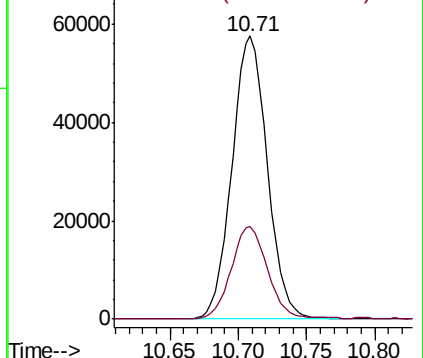
76 100

78 33.8 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 98.613 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055664.D

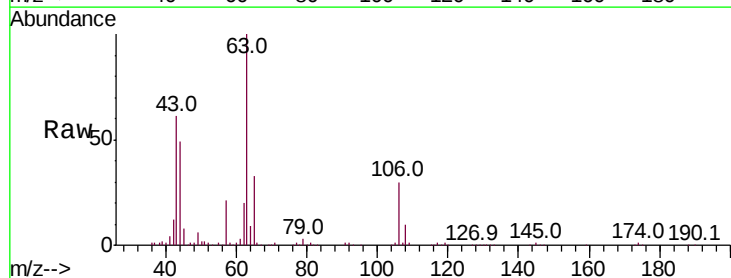
Acq: 20 May 2019 11:13

Tgt Ion: 63 Resp: 216980

Ion Ratio Lower Upper

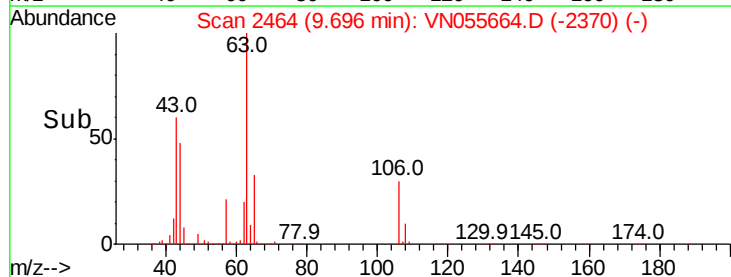
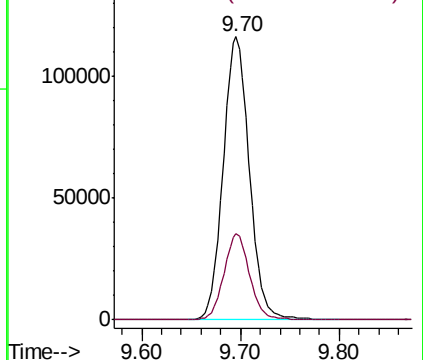
63 100

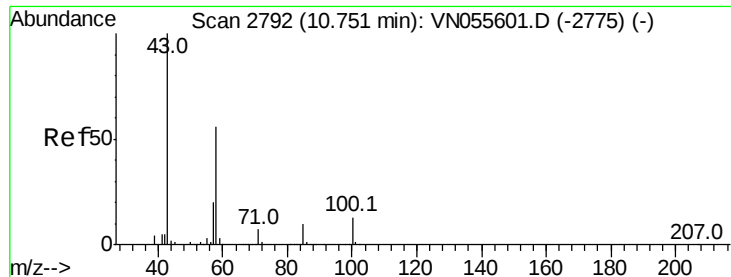
106 29.8 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

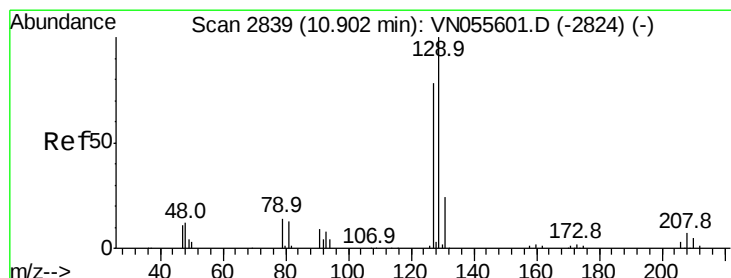
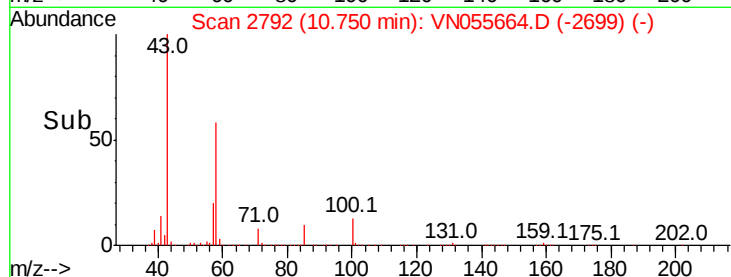
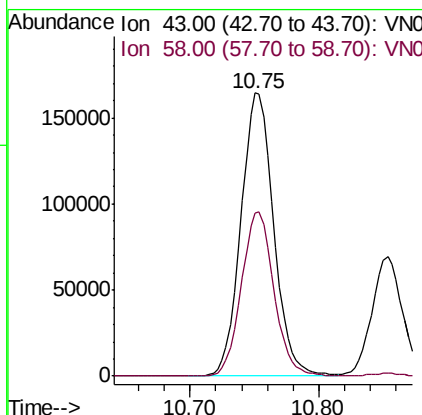
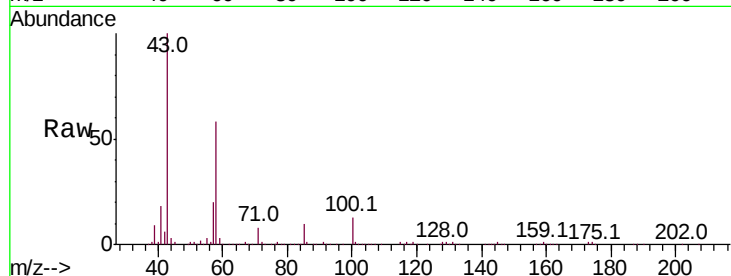
Ion 105.90 (105.60 to 106.60): V





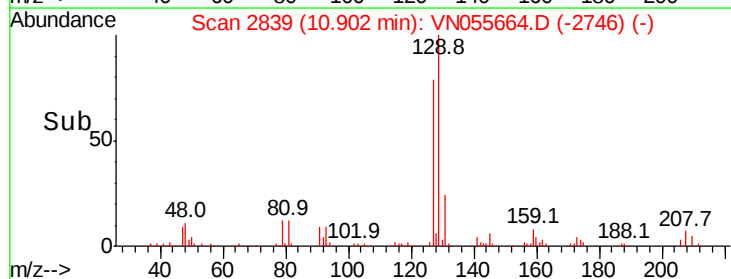
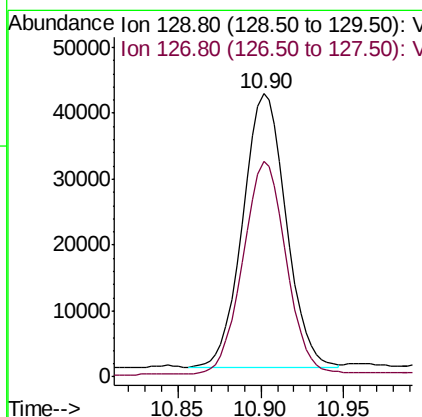
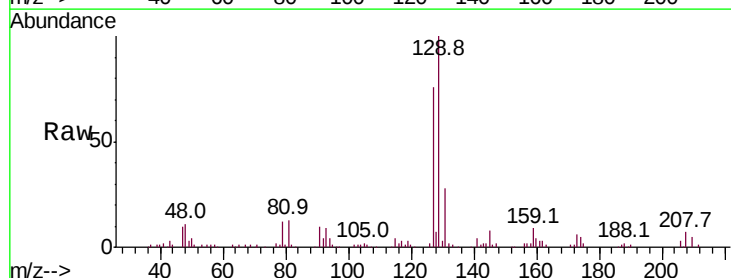
#59
2-Hexanone
Concen: 102.074 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

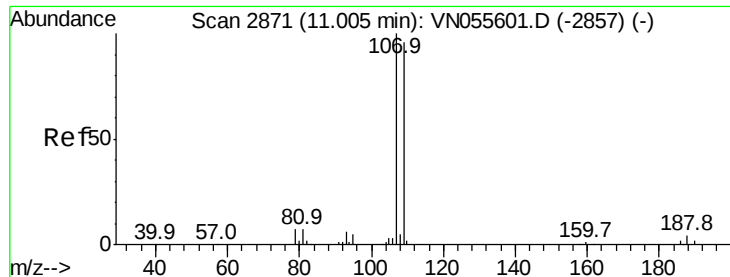
Tot Ion: 43 Resp: 289019
Ion Ratio Lower Upper
43 100
58 58.0 28.1 84.4



#60
Dibromochloromethane
Concen: 19.992 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 129 Resp: 75165
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.286 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055664.D

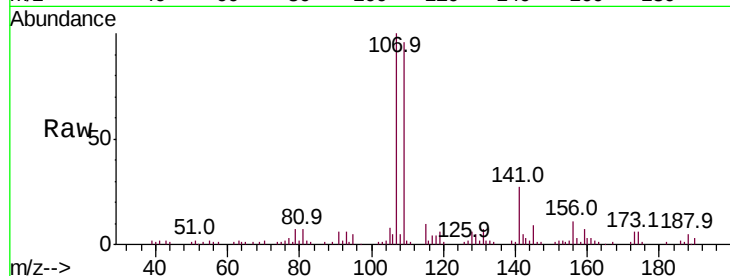
Acq: 20 May 2019 11:13

Tot Ion:107 Resp: 67333

Ion Ratio Lower Upper

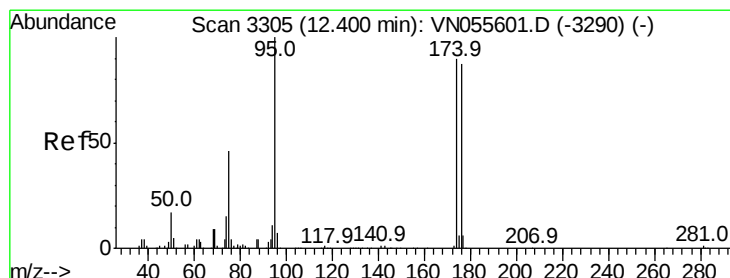
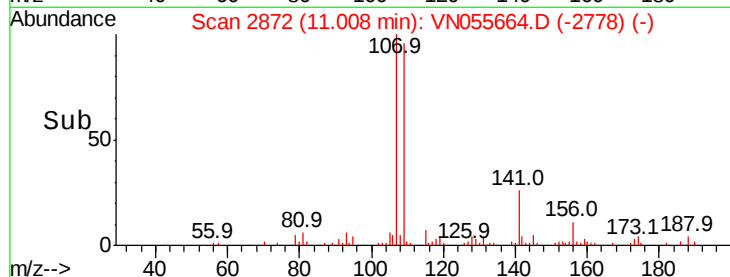
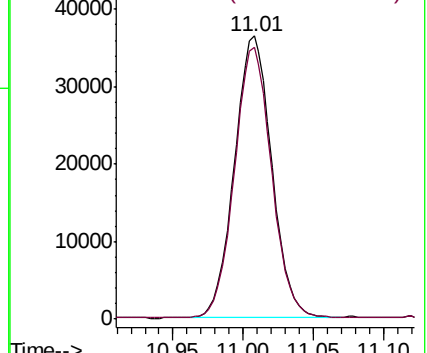
107 100

109 95.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.838 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

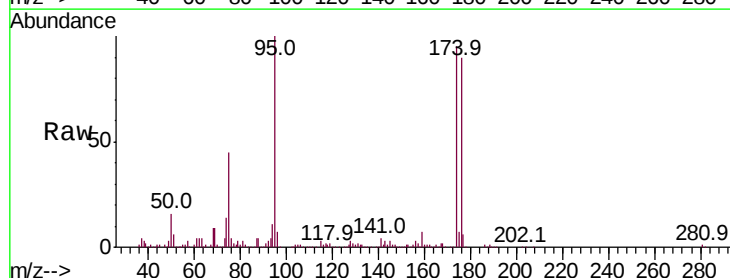
Tgt Ion: 95 Resp: 198450

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.6

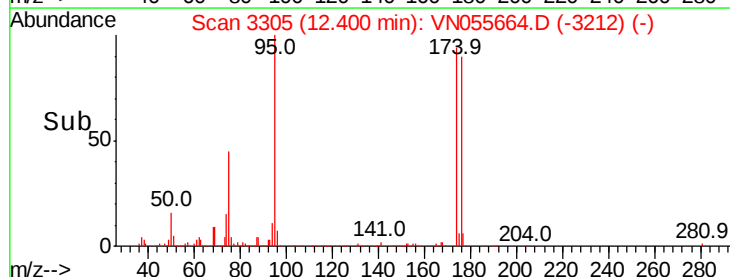
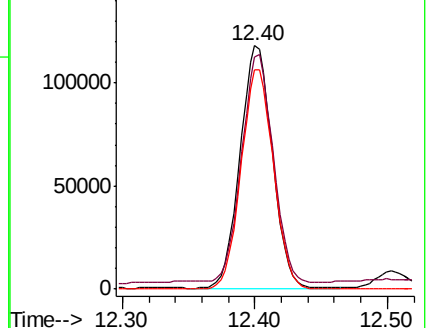
176 90.9 0.0 177.4

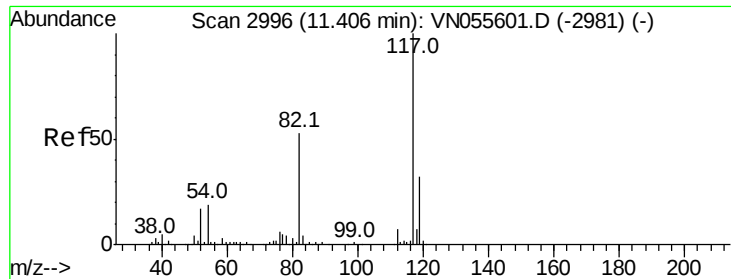


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

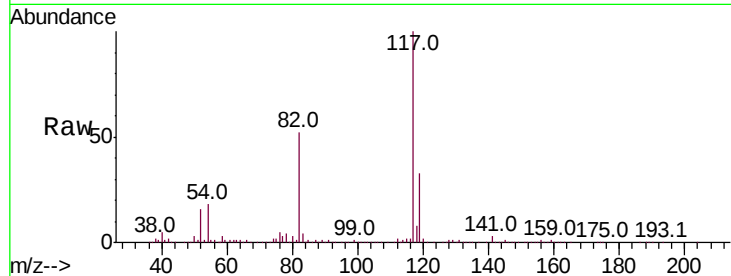
Ion 175.80 (175.50 to 176.50): V





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.3	63.5
119	32.7	25.4	38.2

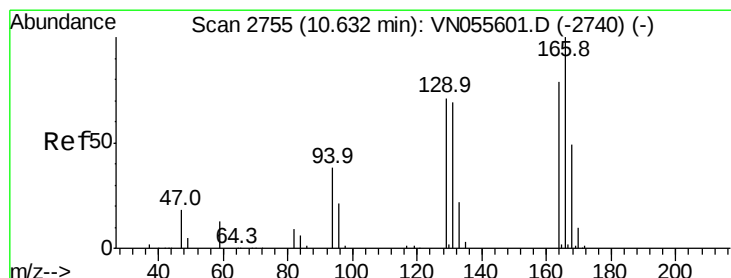
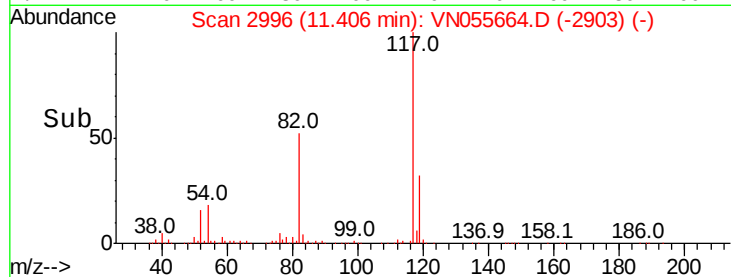
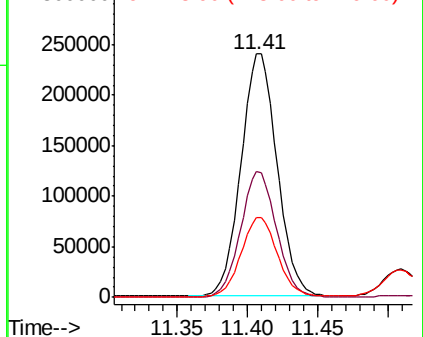


Abundance

Ion 116.90 (116.60 to 117.60): V

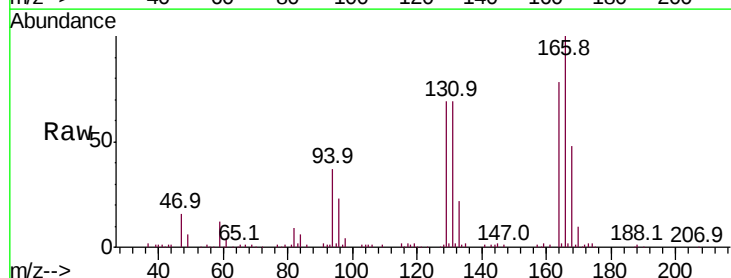
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.326 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.0	151.6
129	86.9	71.7	107.5
131	86.2	69.6	104.4



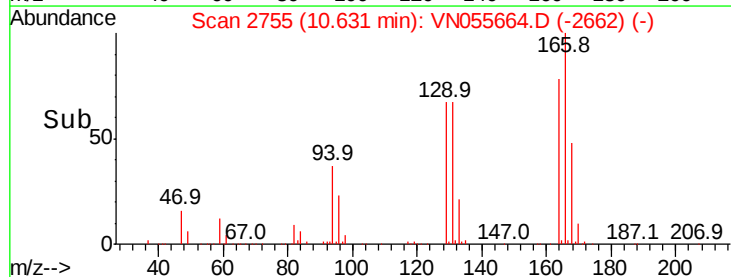
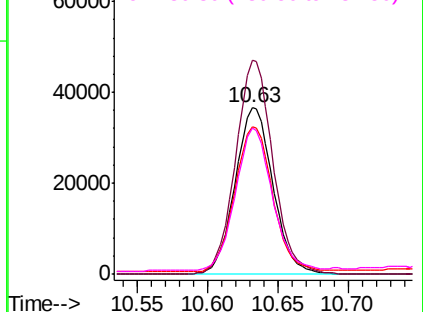
Abundance

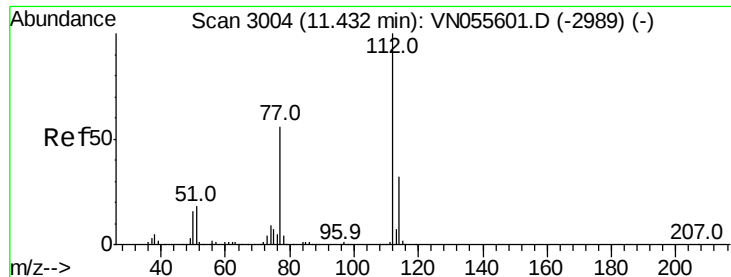
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.572 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055664.D

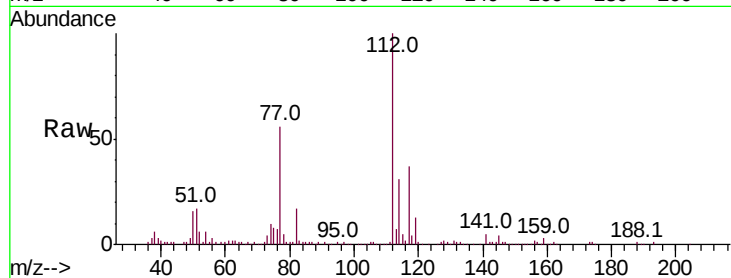
Acq: 20 May 2019 11:13

Tot Ion:112 Resp: 169757

Ion Ratio Lower Upper

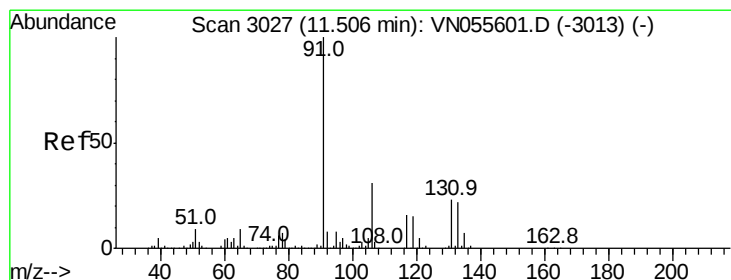
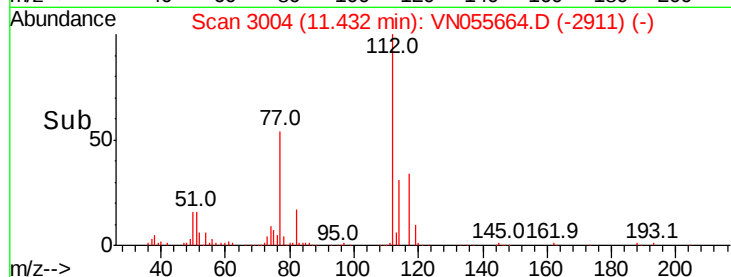
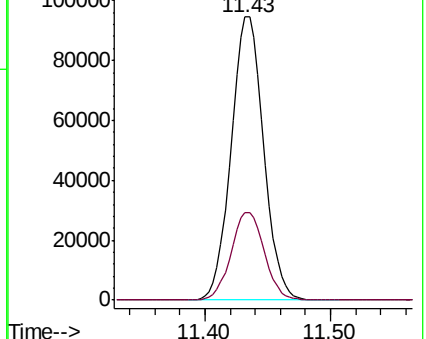
112 100

114 30.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.543 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

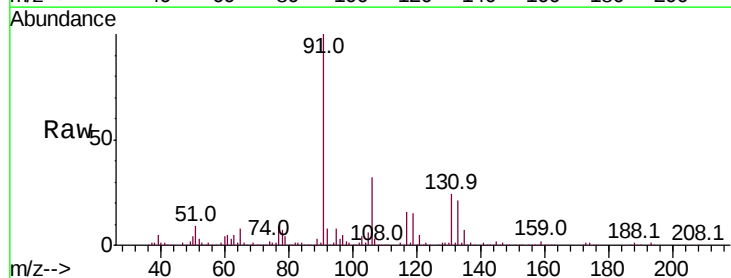
Tgt Ion:131 Resp: 71679

Ion Ratio Lower Upper

131 100

133 92.6 47.8 143.4

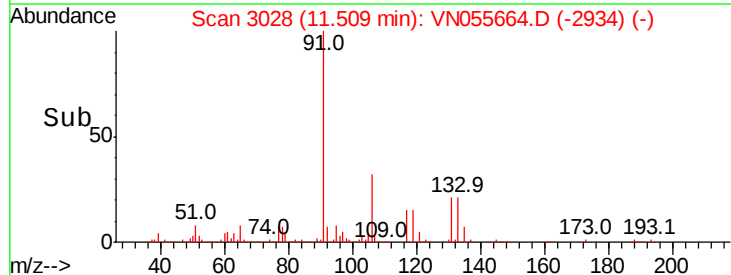
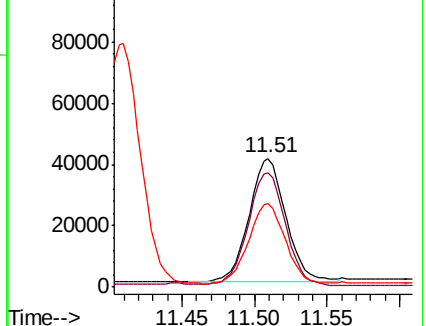
119 63.5 33.3 99.8

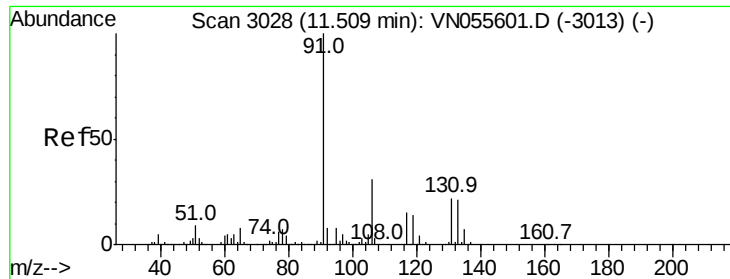


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

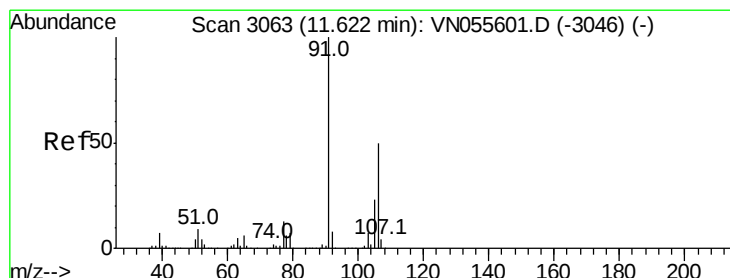
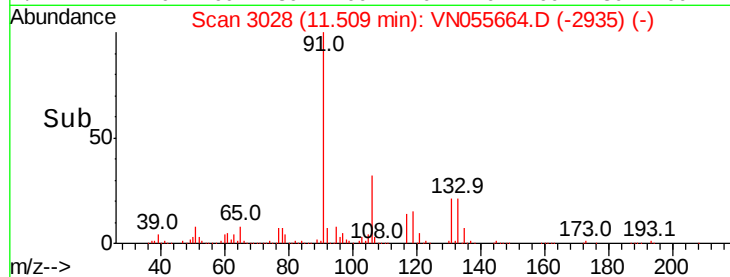
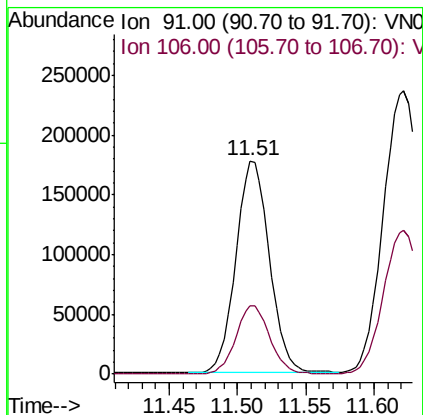
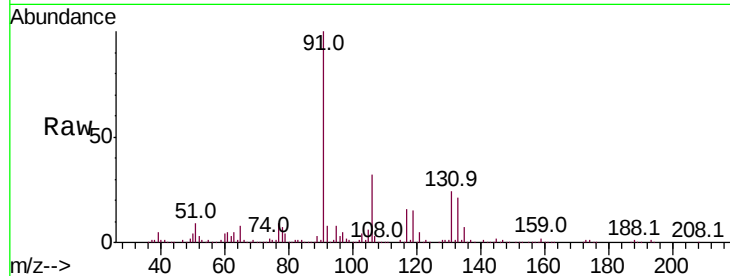
Ion 118.80 (118.50 to 119.50): V





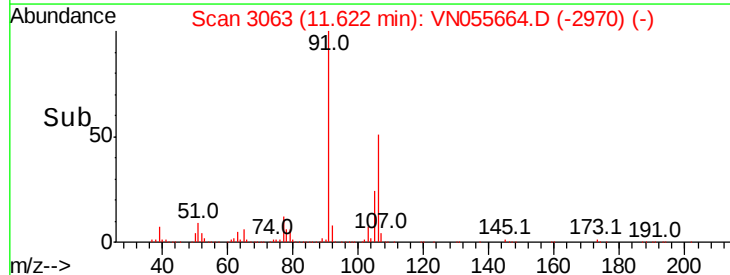
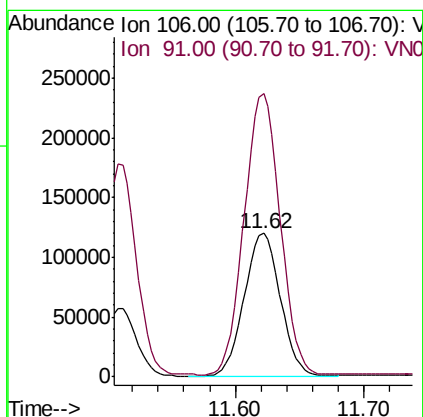
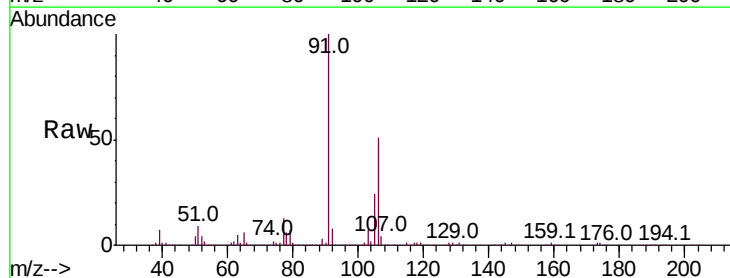
#67
Ethyl Benzene
Concen: 19.572 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

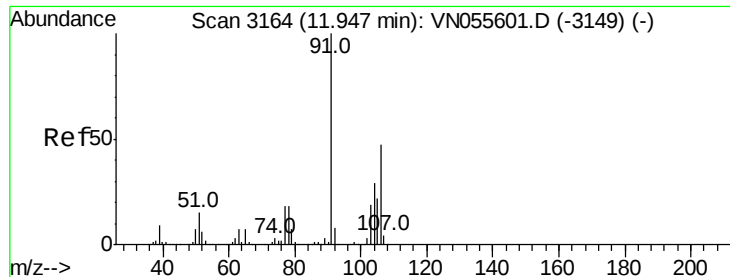
Tot Ion: 91 Resp: 302400
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8



#68
m/p-Xylenes
Concen: 39.921 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

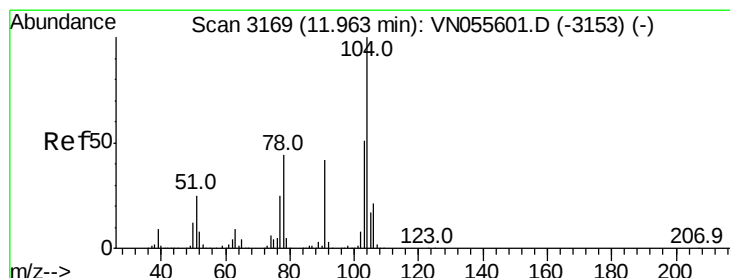
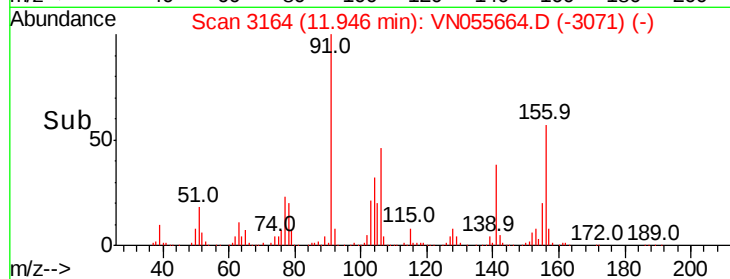
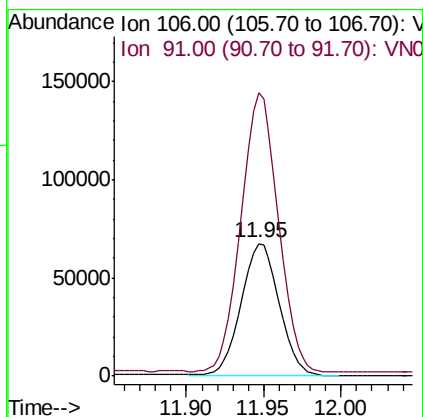
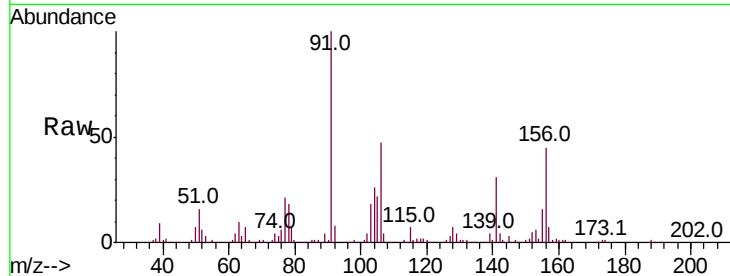
Tgt Ion:106 Resp: 232931
Ion Ratio Lower Upper
106 100
91 195.8 160.5 240.7





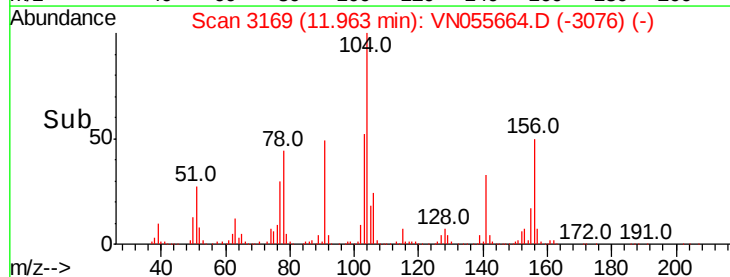
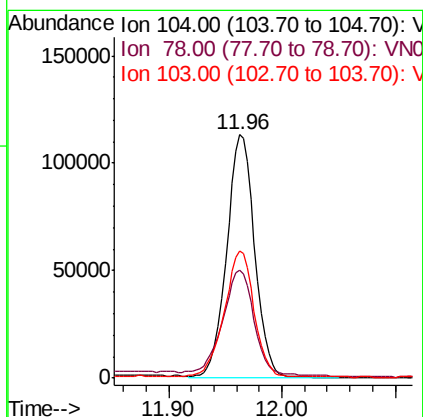
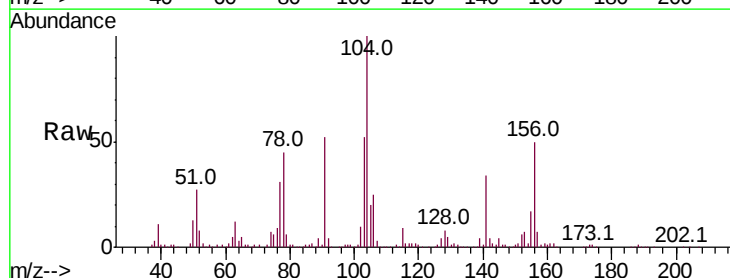
#69
o-Xylene
Concen: 20.084 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

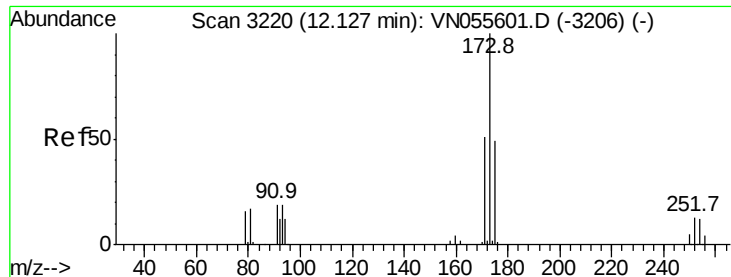
Tot Ion:106 Resp: 114617
Ion Ratio Lower Upper
106 100
91 207.4 106.7 320.2



#70
Styrene
Concen: 20.374 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion:104 Resp: 193325
Ion Ratio Lower Upper
104 100
78 51.5 38.6 58.0
103 54.8 44.4 66.6





#71

Bromoform

Concen: 20.802 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

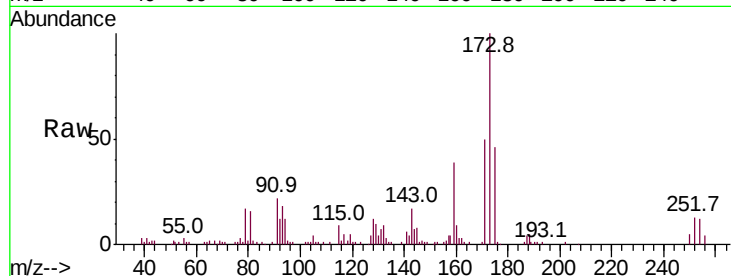
Tot Ion:173 Resp: 61510

Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.3	72.9
254	0.0	0.1	0.1#

173 100

175 47.2 24.3 72.9

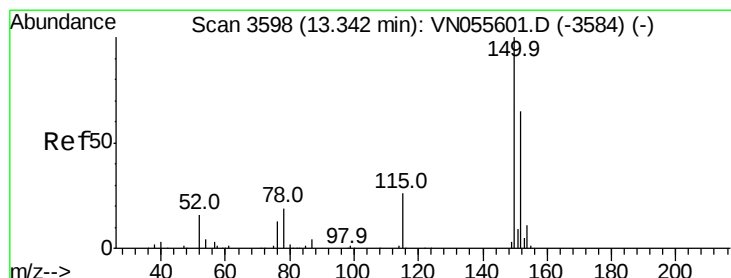
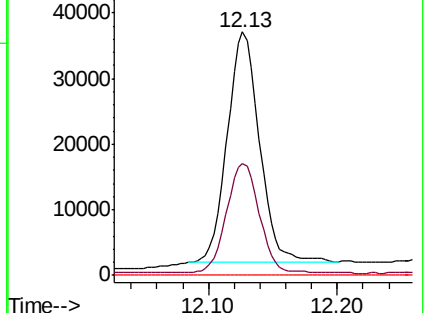
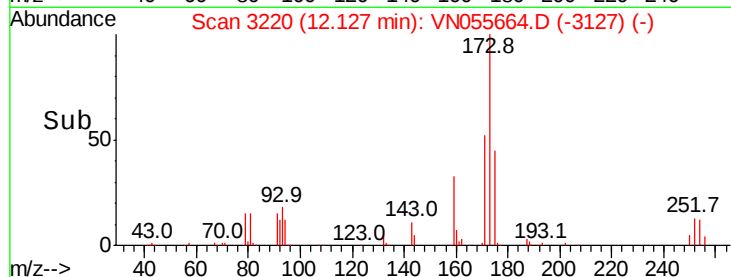
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

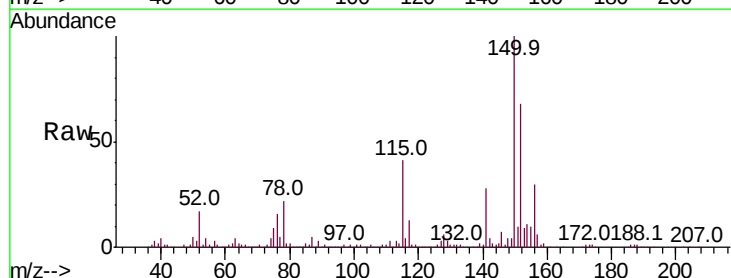
Tgt Ion:152 Resp: 221745

Ion	Ratio	Lower	Upper
152	100		
115	65.7	28.1	84.2
150	143.1	0.0	348.0

152 100

115 65.7 28.1 84.2

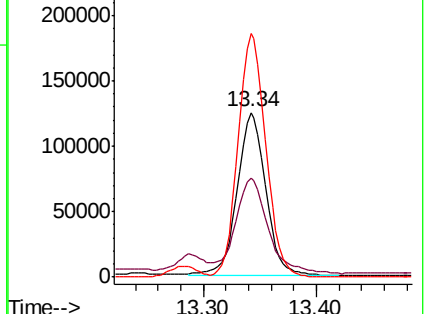
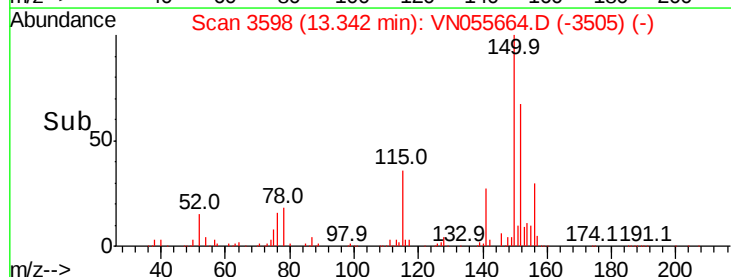
150 143.1 0.0 348.0

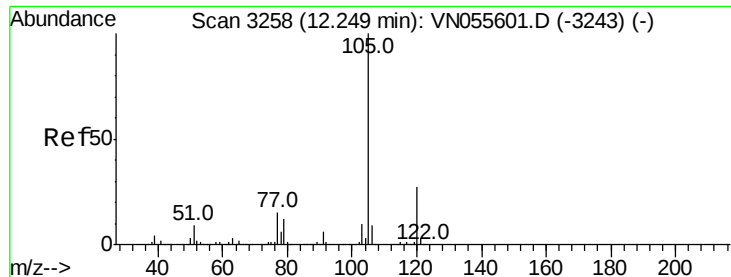


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

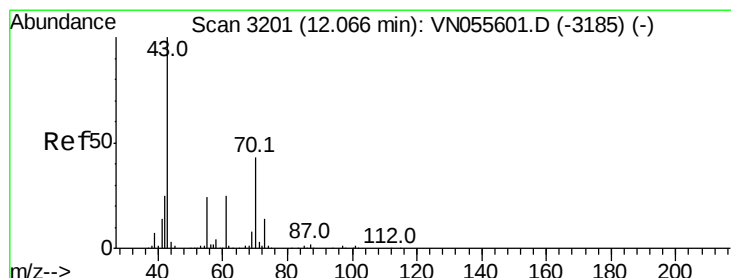
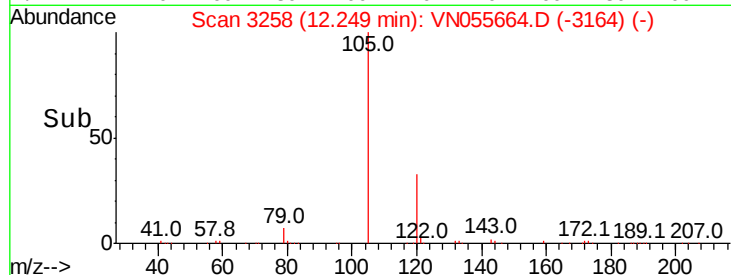
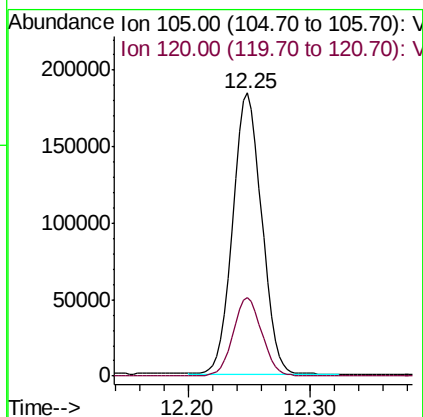
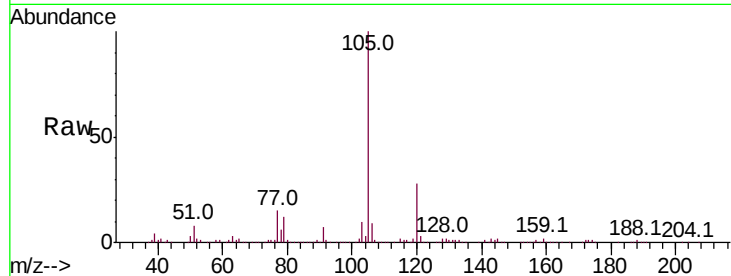
Ion 149.90 (149.60 to 150.60): V





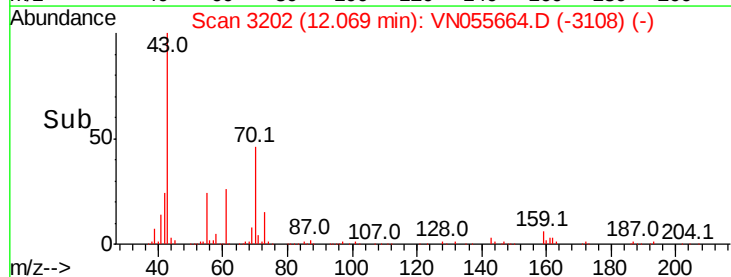
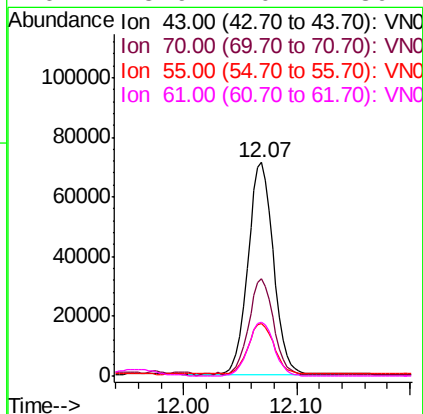
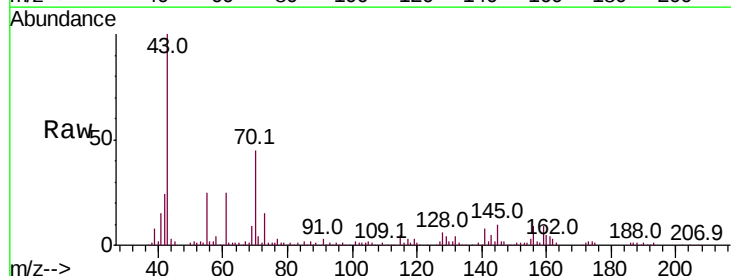
#73
Isopropylbenzene
Concen: 17.937 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

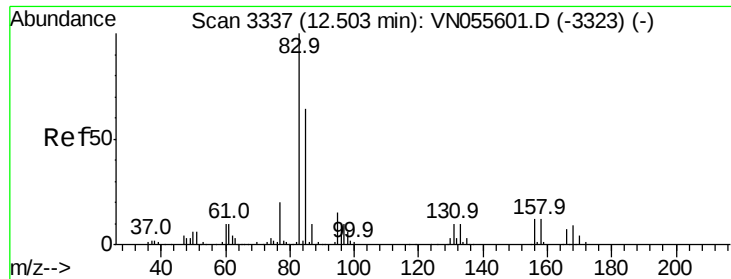
Tot Ion:105 Resp: 303158
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 17.912 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 43 Resp: 111528
Ion Ratio Lower Upper
43 100
70 44.3 35.0 52.6
55 24.1 18.9 28.3
61 25.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.762 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

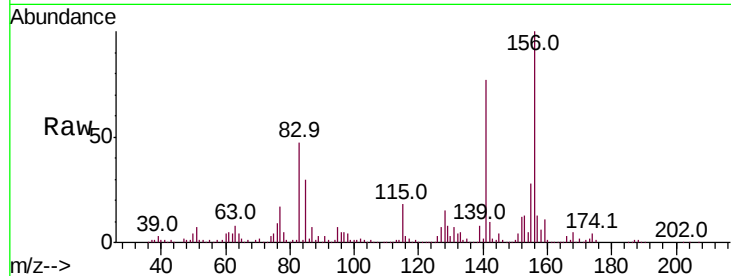
Tot Ion: 83 Resp: 92583

Ion Ratio Lower Upper

83 100

131 12.7 5.3 16.1

85 66.1 32.0 96.2

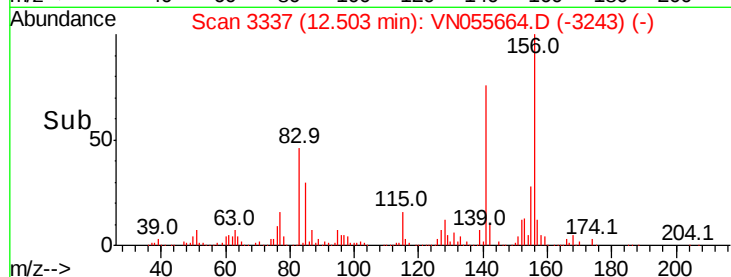


Abundance Ion 82.90 (82.60 to 83.60): VN055664.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055664.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055664.D (-3243) (-)

Time-->

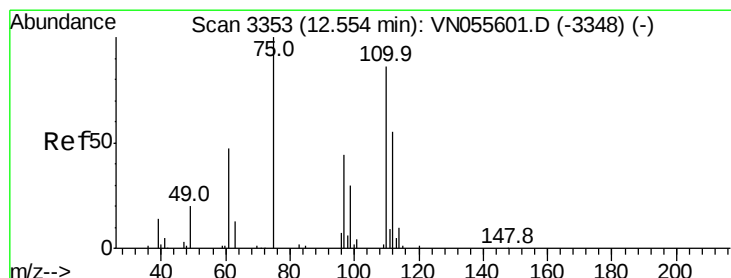


Abundance Ion 82.90 (82.60 to 83.60): VN055664.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055664.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055664.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.191 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055664.D

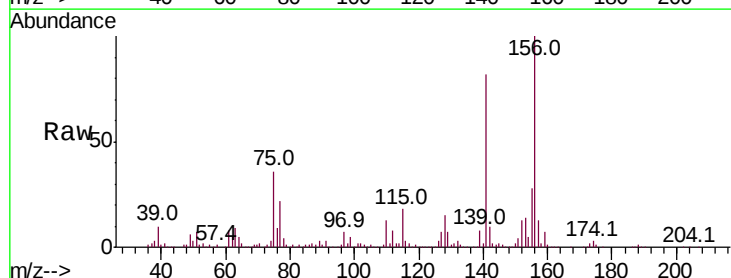
Acq: 20 May 2019 11:13

Tgt Ion: 75 Resp: 86834

Ion Ratio Lower Upper

75 100

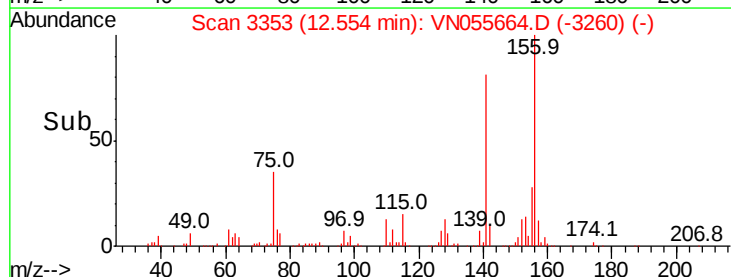
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055664.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055664.D (-3260) (-)

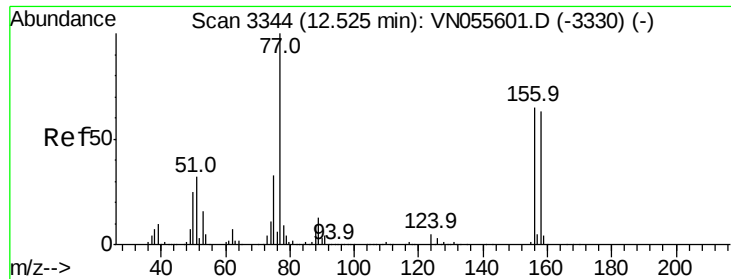
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN055664.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055664.D (-3260) (-)

Time-->



#77

Bromobenzene

Concen: 232.947 ug/l

RT: 12.53 min Scan# 3344

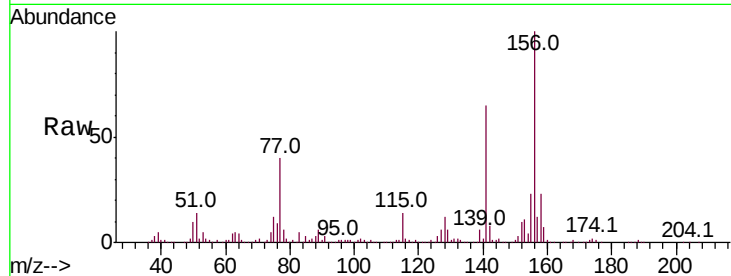
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion:156 Resp: 1060845

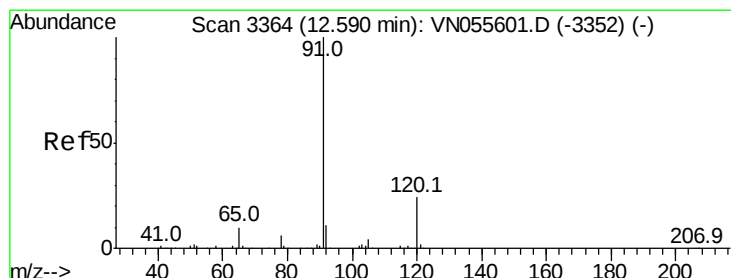
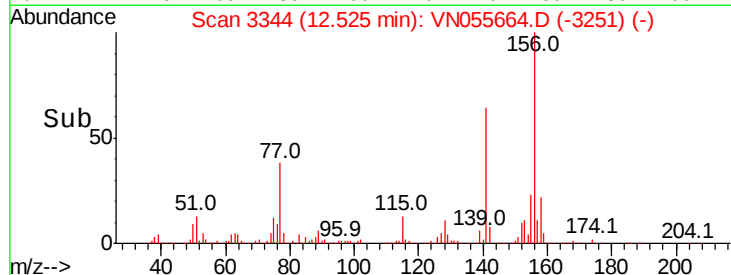
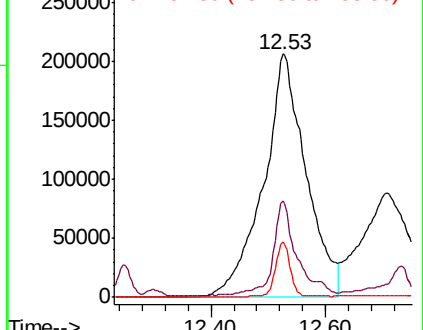
Ion	Ratio	Lower	Upper
156	100		
77	19.7	94.5	283.5#
158	7.4	49.0	147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.541 ug/l

RT: 12.59 min Scan# 3364

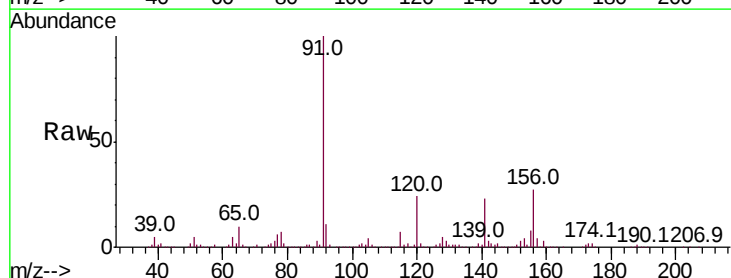
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

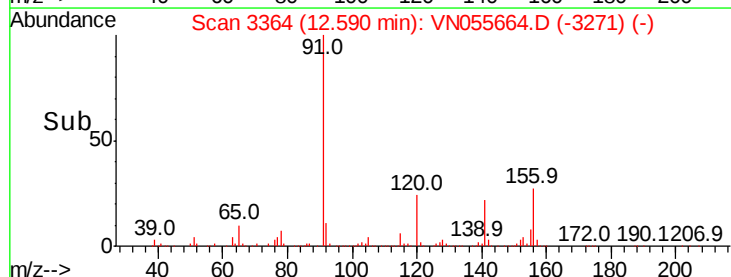
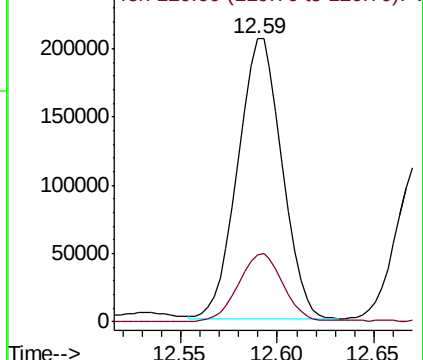
Tgt Ion: 91 Resp: 325716

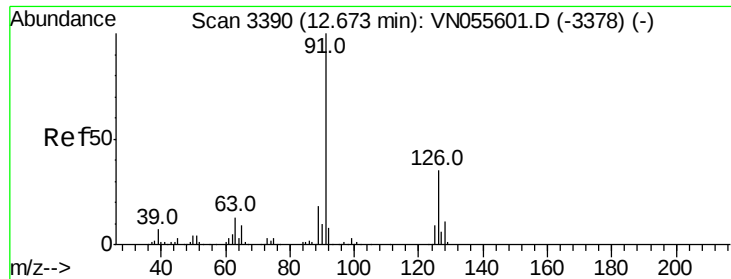
Ion	Ratio	Lower	Upper
91	100		
120	24.6	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN

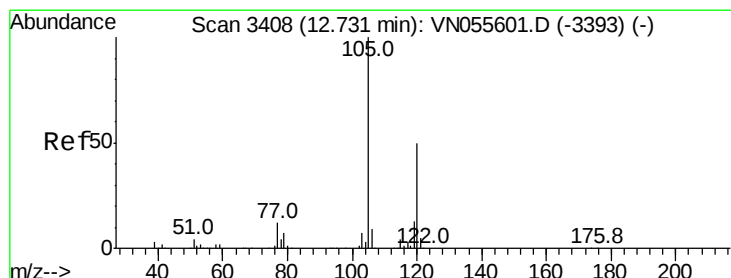
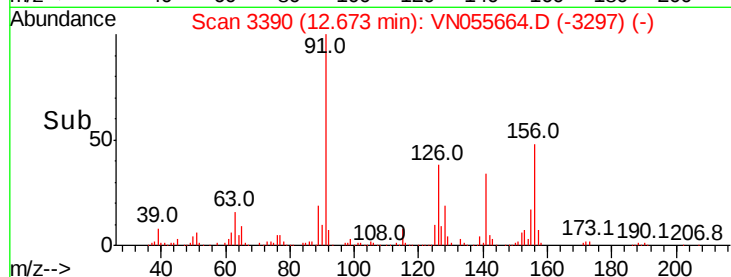
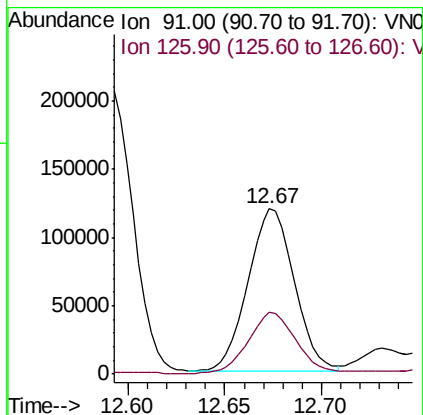
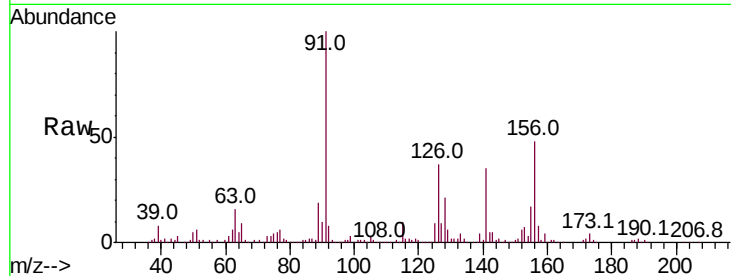
Ion 120.00 (119.70 to 120.70): V





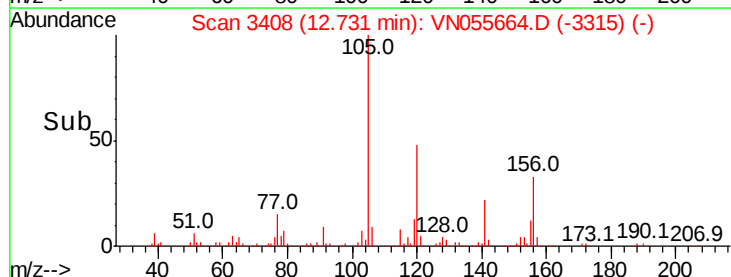
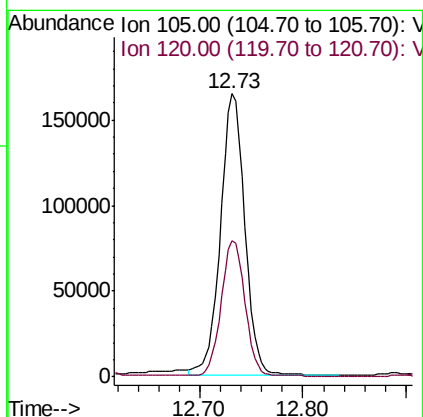
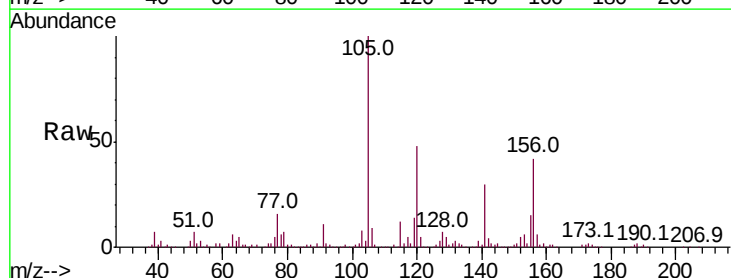
#79
 2-Chlorotoluene
 Concen: 17.782 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

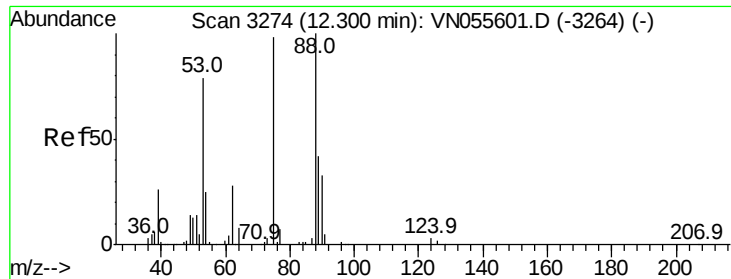
Tot Ion: 91 Resp: 198819
 Ion Ratio Lower Upper
 91 100
 126 40.5 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.120 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

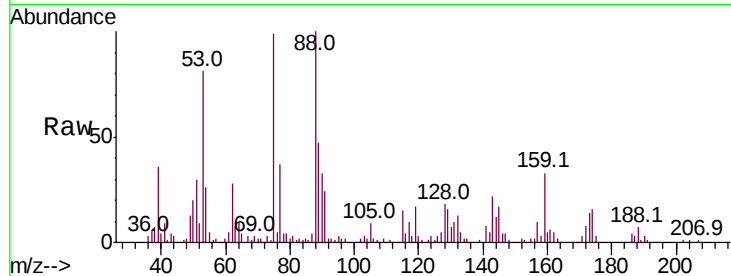
Tgt Ion: 105 Resp: 270927
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.6 74.0



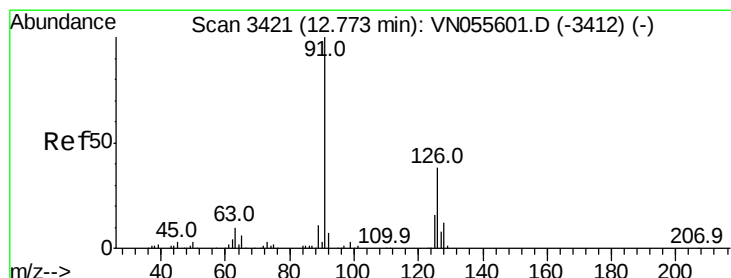
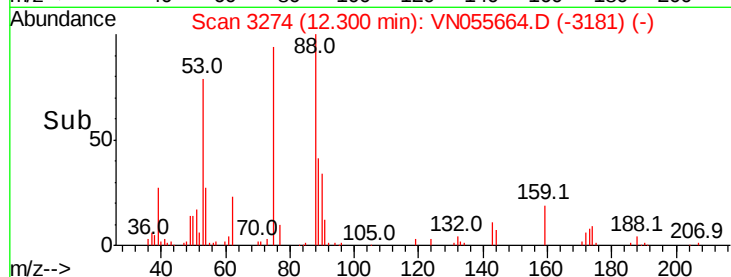
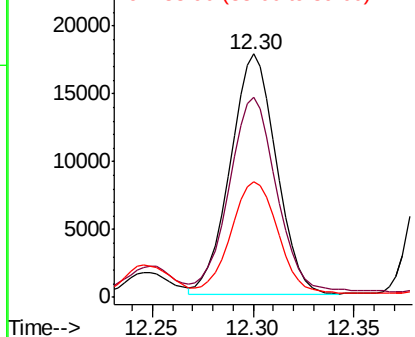


#81
trans-1,4-Dichloro-2-butene
Concen: 16.042 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion	75	Resp	28237
Ion	Ratio	Lower	Upper
75	100		
53	81.8	65.1	97.7
89	47.8	36.4	54.6

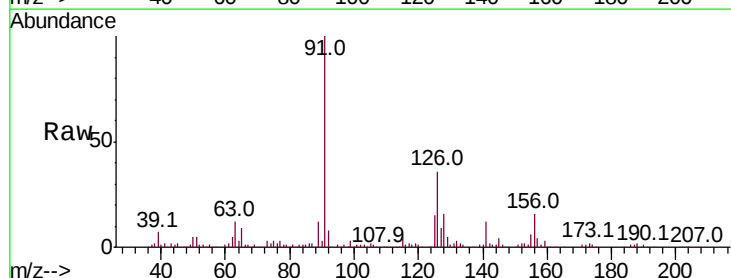


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

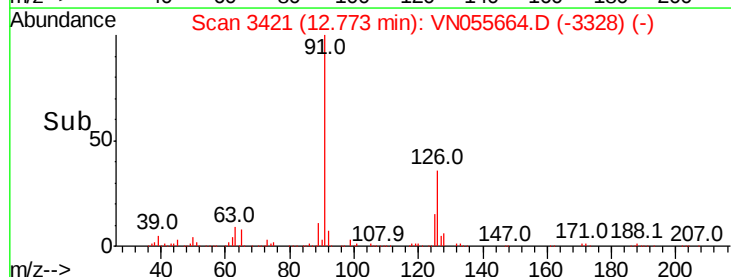
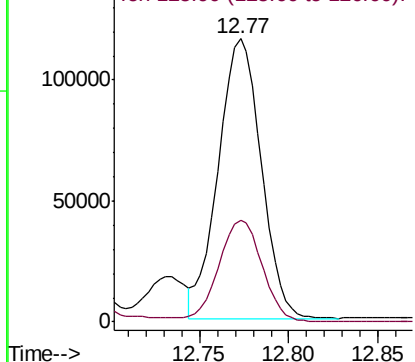


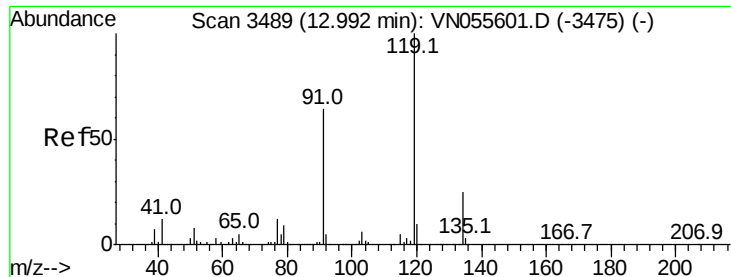
#82
4-Chlorotoluene
Concen: 16.571 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion	91	Resp	192265
Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.5	52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.733 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

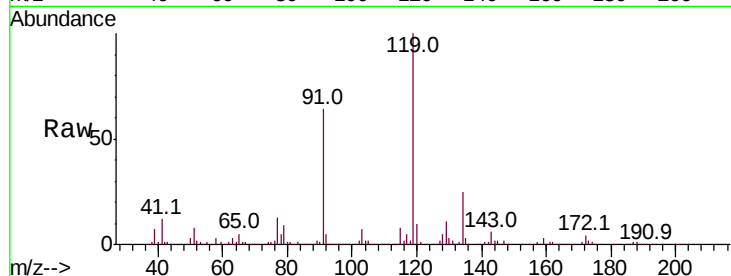
Tot Ion:119 Resp: 220212

Ion Ratio Lower Upper

119 100

91 62.6 31.3 93.8

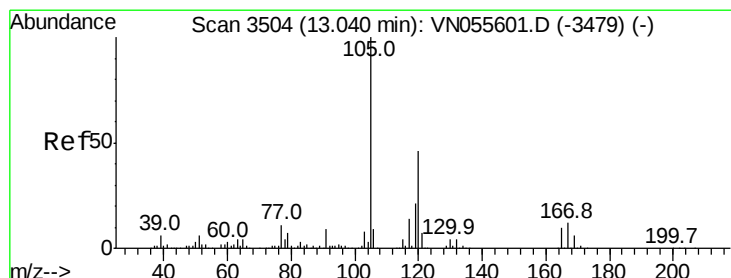
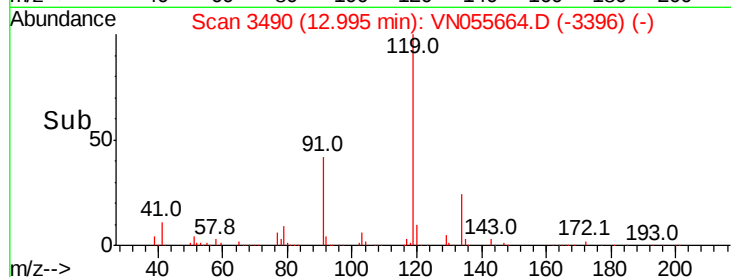
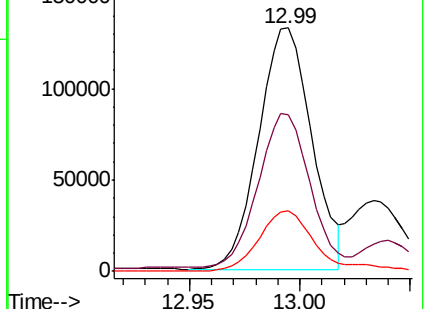
134 27.1 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.686 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055664.D

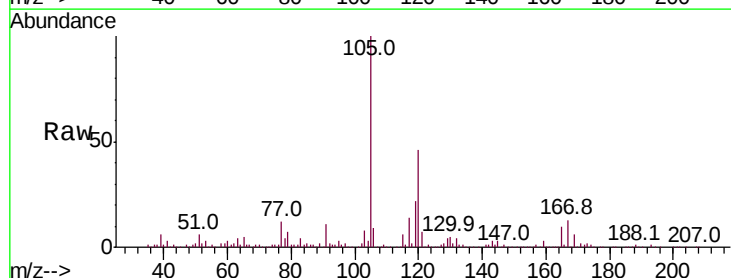
Acq: 20 May 2019 11:13

Tgt Ion:105 Resp: 249718

Ion Ratio Lower Upper

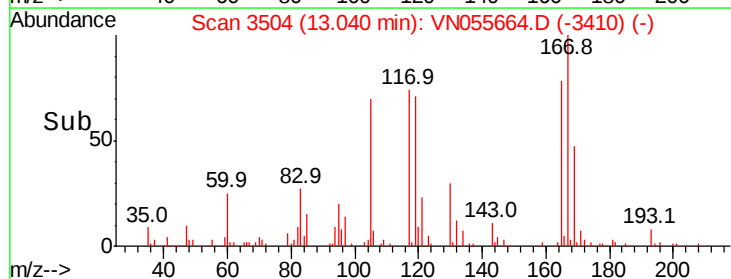
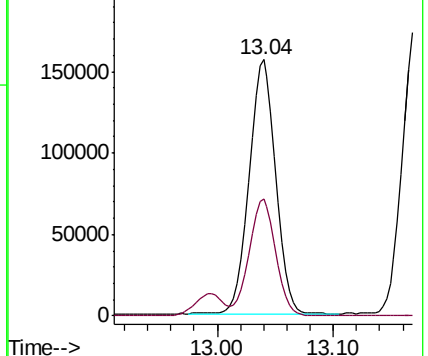
105 100

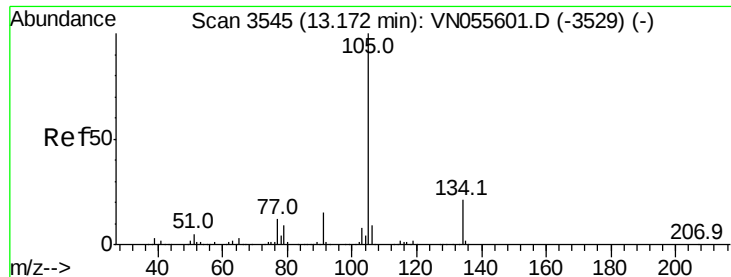
120 45.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

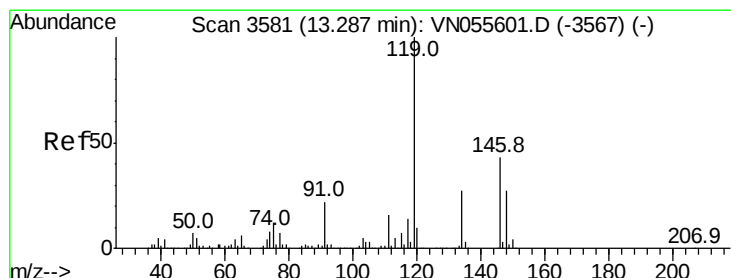
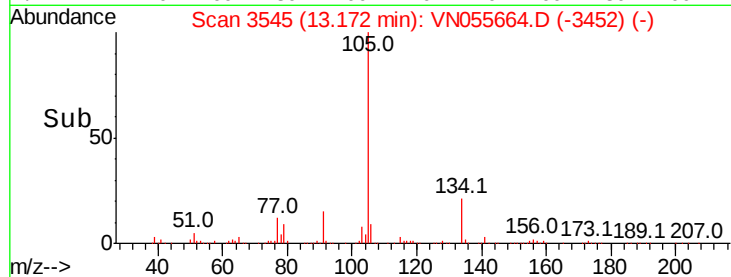
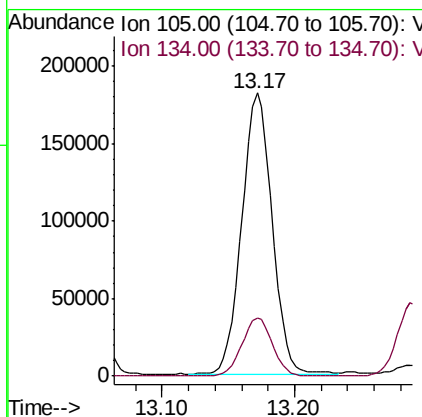
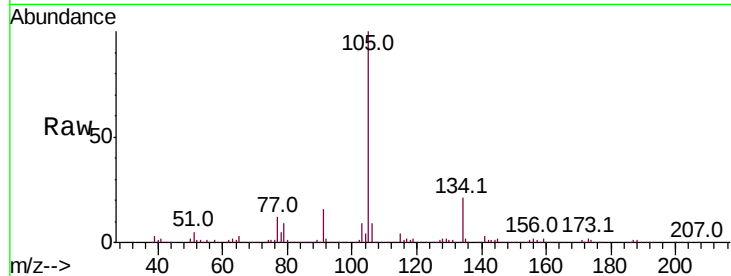
Ion 120.00 (119.70 to 120.70): V





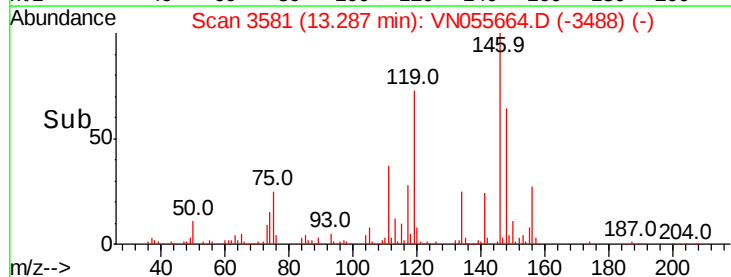
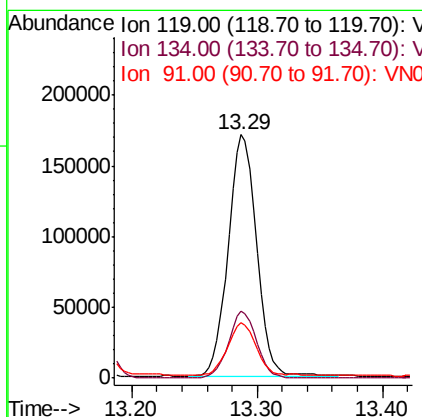
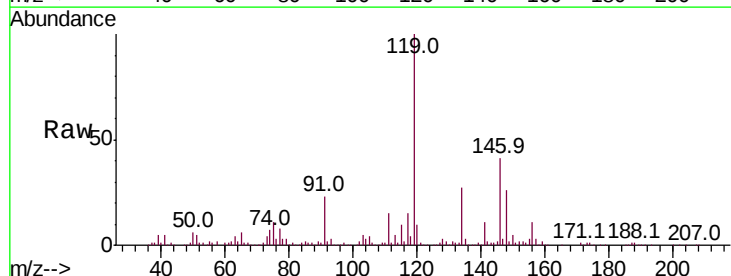
#85
 sec-Butylbenzene
 Concen: 17.932 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

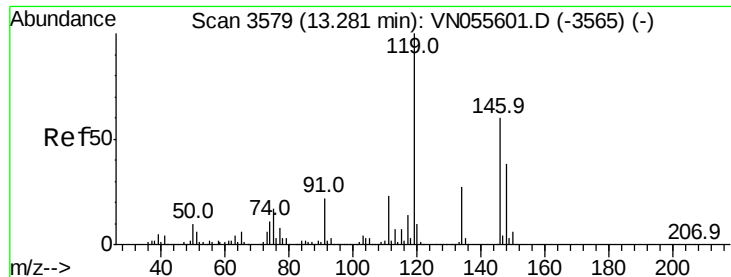
Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.9



#86
 p-Isopropyltoluene
 Concen: 18.201 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	21.4	11.0	33.0





#87

1,3-Dichlorobenzene

Concen: 17.159 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

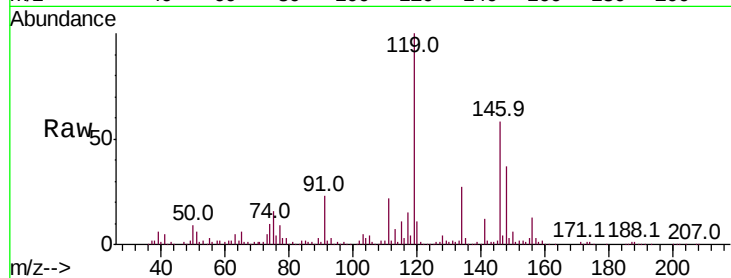
Tot Ion:146 Resp: 129202

Ion Ratio Lower Upper

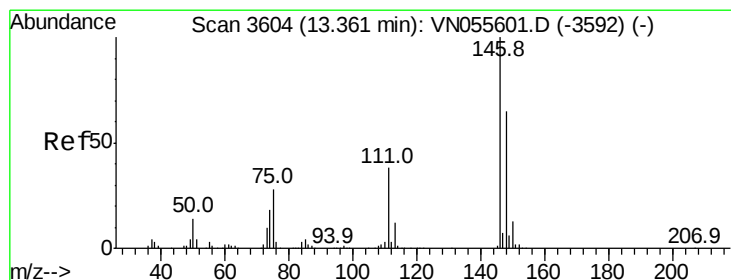
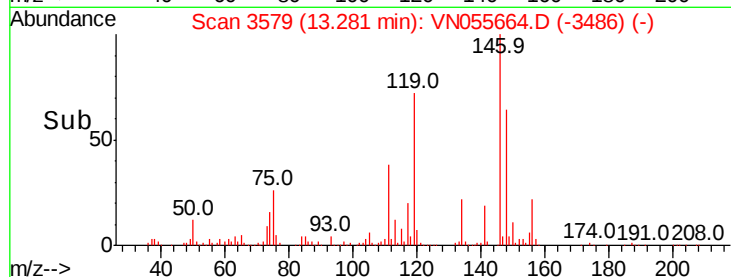
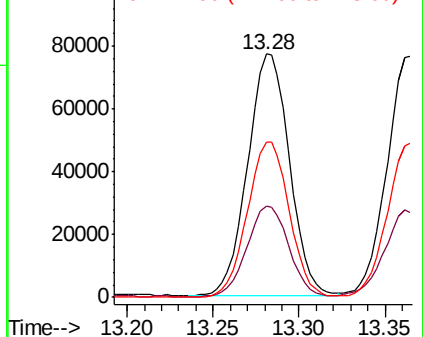
146 100

111 37.4 18.9 56.9

148 64.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.452 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

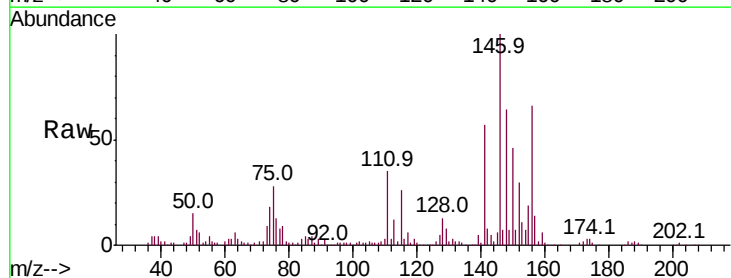
Tgt Ion:146 Resp: 125470

Ion Ratio Lower Upper

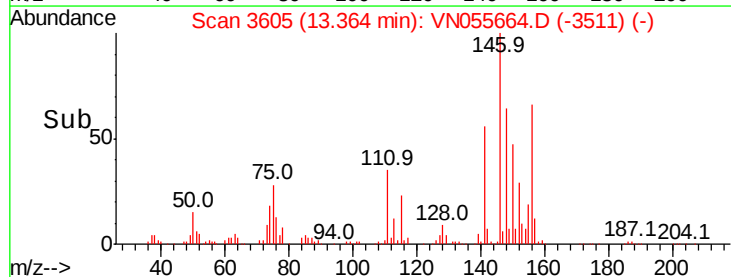
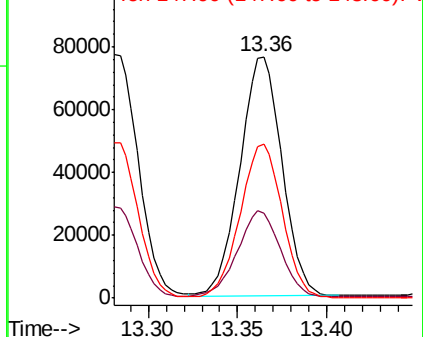
146 100

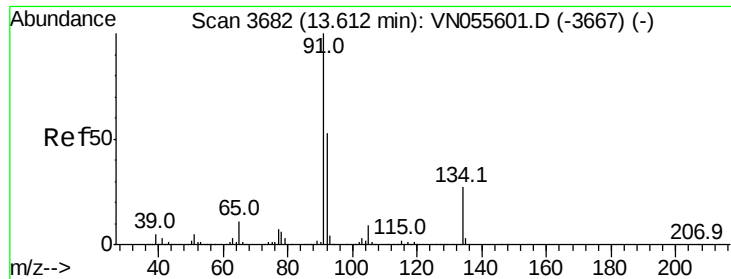
111 37.0 18.8 56.4

148 64.5 32.4 97.0



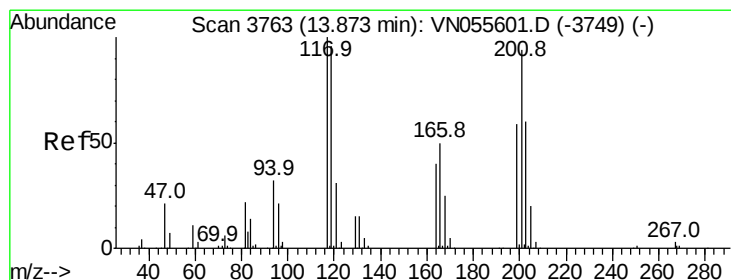
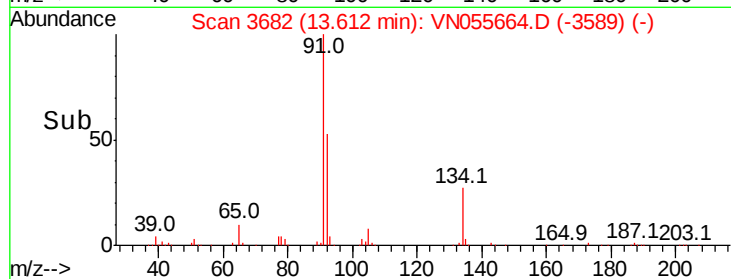
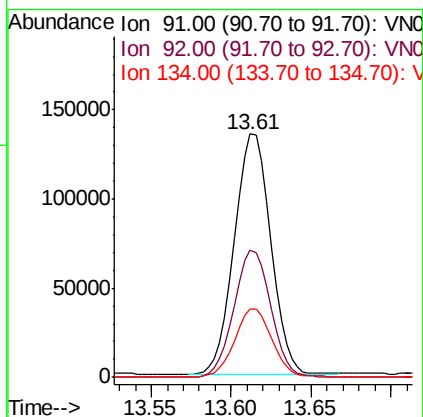
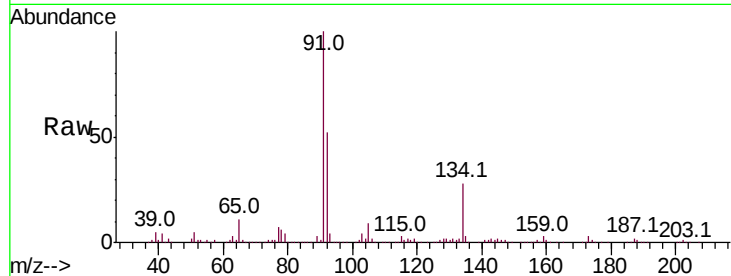
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





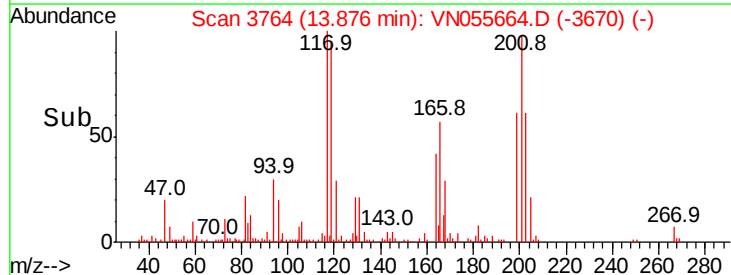
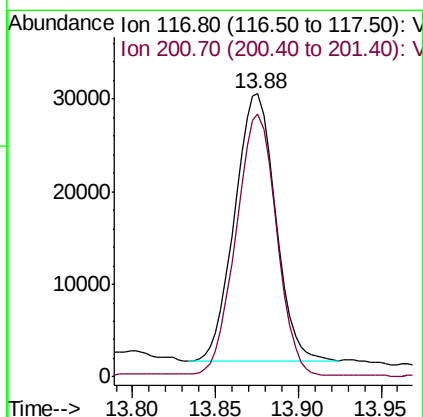
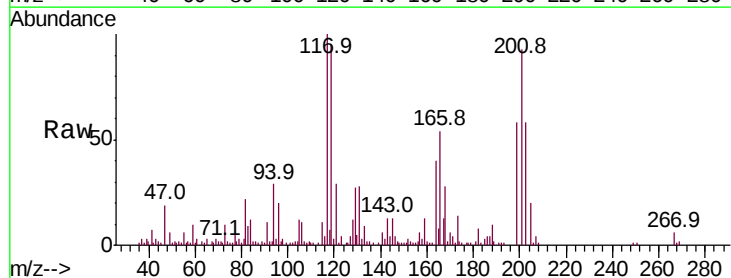
#89
n-Butylbenzene
Concen: 17.177 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

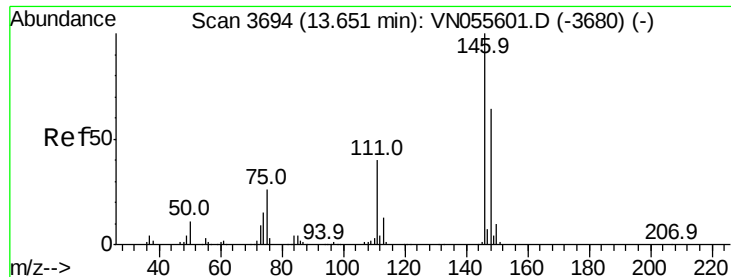
Tot Ion: 91 Resp: 209009
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 28.5 13.7 41.1



#90
Hexachloroethane
Concen: 17.321 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 117 Resp: 49400
Ion Ratio Lower Upper
117 100
201 96.6 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 17.209 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

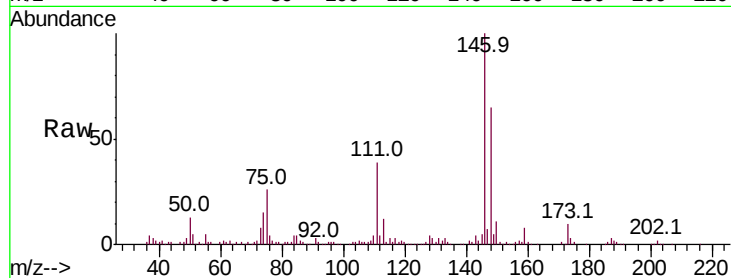
Tot Ion:146 Resp: 129173

Ion Ratio Lower Upper

146 100

111 38.1 19.7 59.0

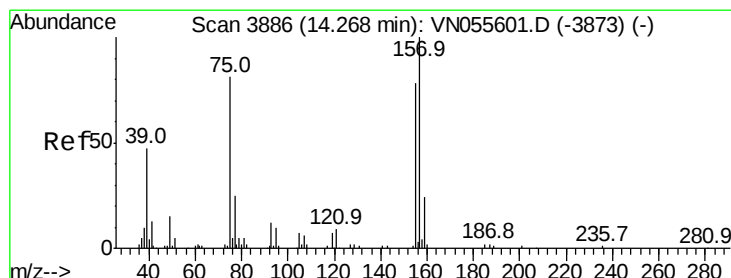
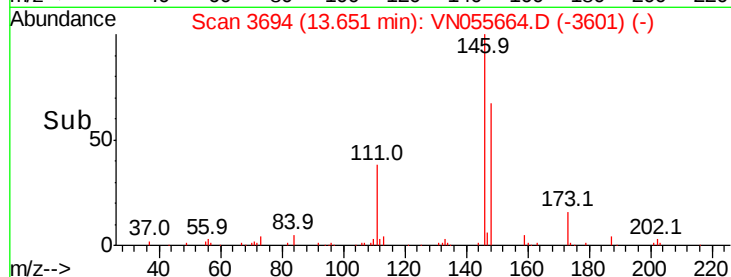
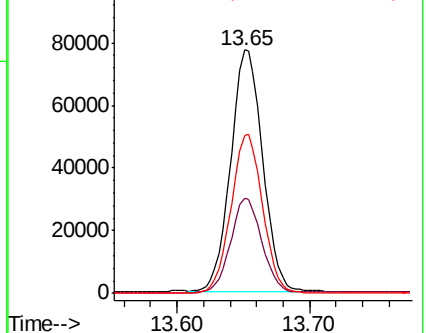
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.756 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

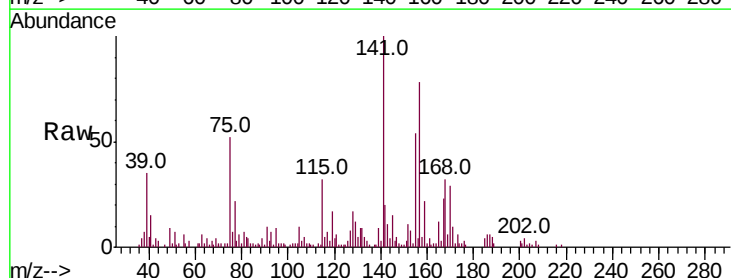
Tgt Ion: 75 Resp: 20887

Ion Ratio Lower Upper

75 100

155 94.3 48.4 145.0

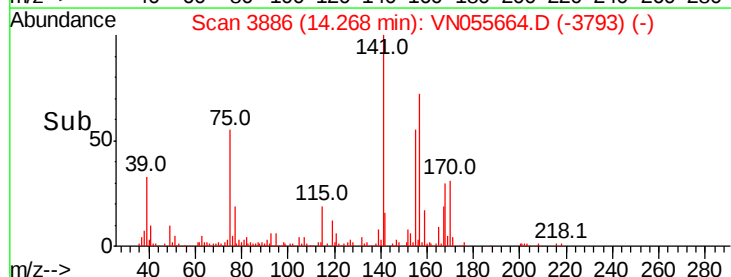
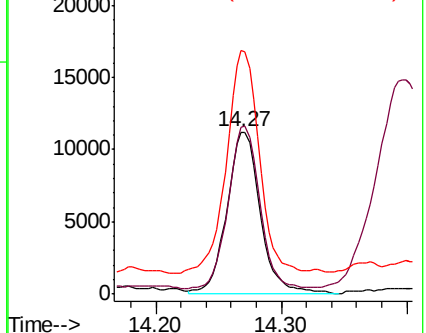
157 133.2 62.3 186.8

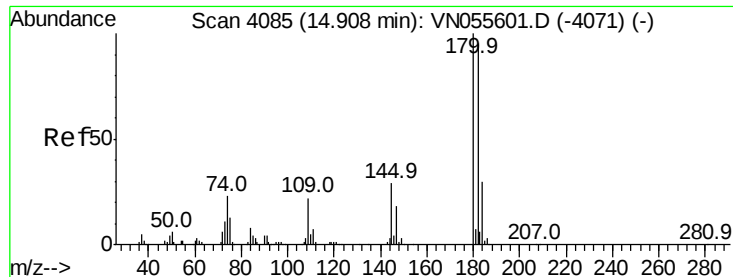


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

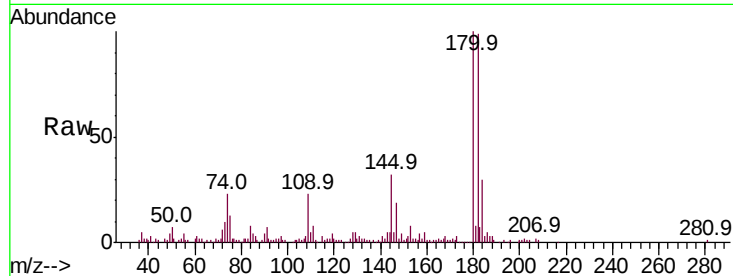
Ion 156.80 (156.50 to 157.50): V



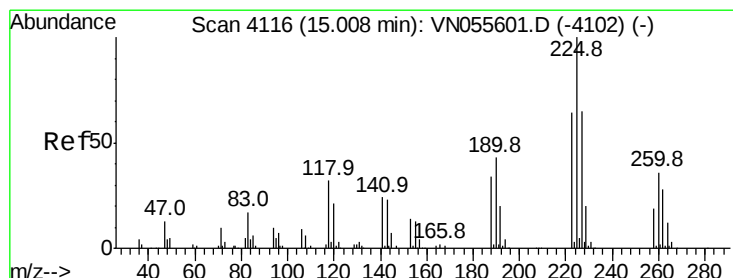
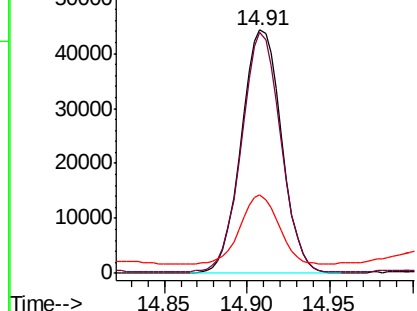
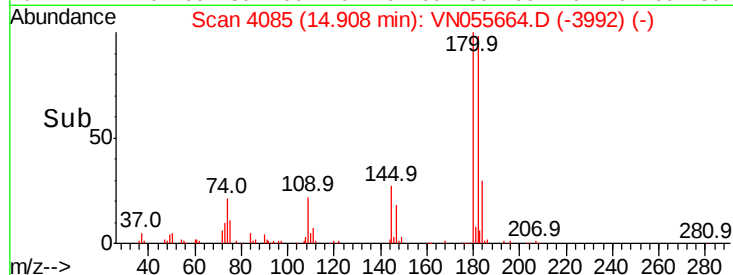


#93
 1,2,4-Trichlorobenzene
 Concen: 19.596 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion:	180	Resp:	74869
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	27.5	14.3	42.9

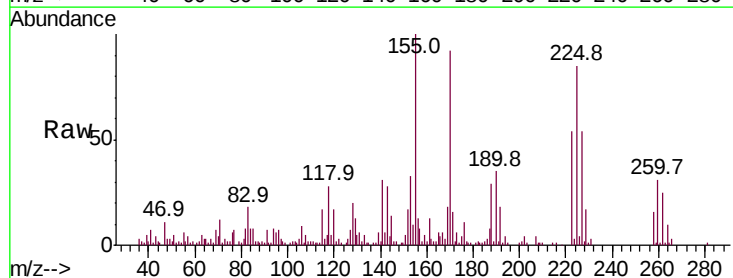


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

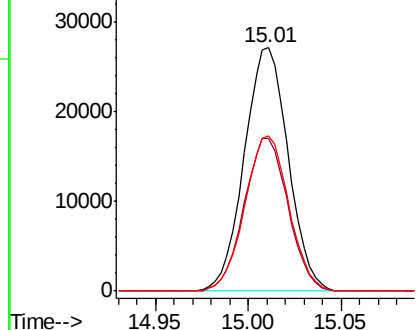
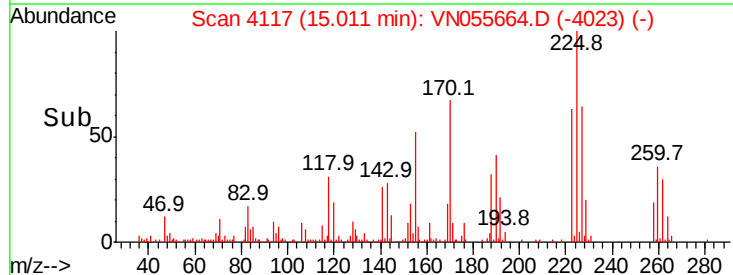


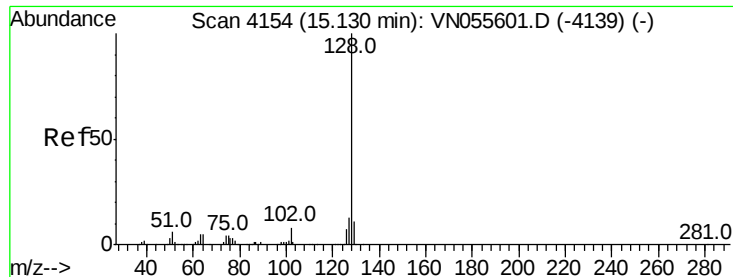
#94
 Hexachlorobutadiene
 Concen: 17.515 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion:	225	Resp:	44756
Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	94.7
227	64.0	32.4	97.0



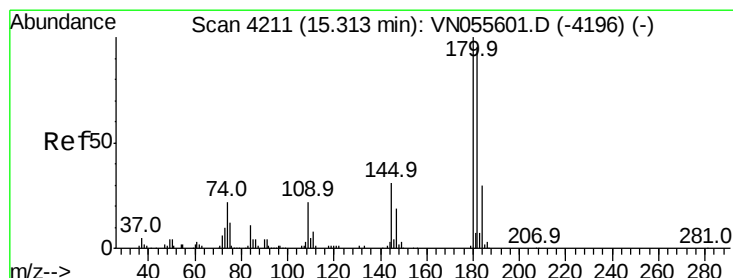
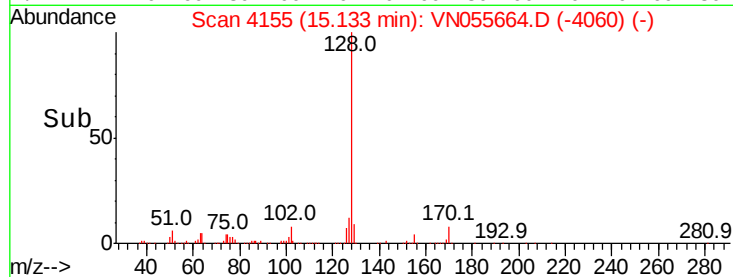
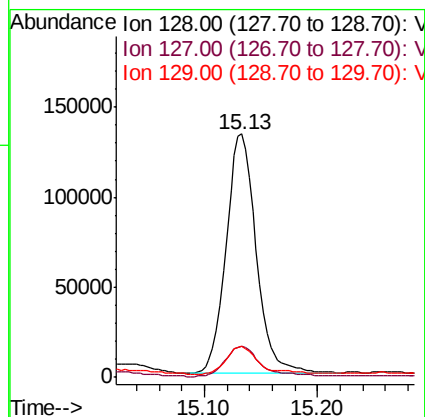
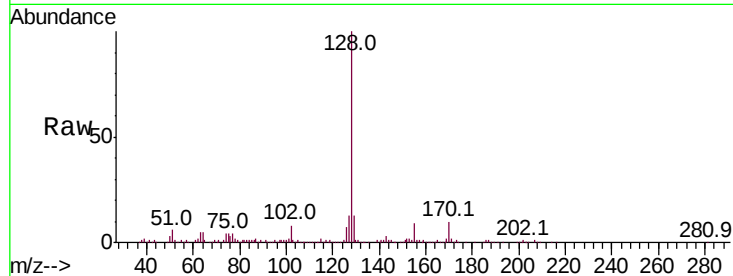
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 22.271 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.4
129	12.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.648 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.6
145	34.1	15.4	46.1

